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Bulletin.

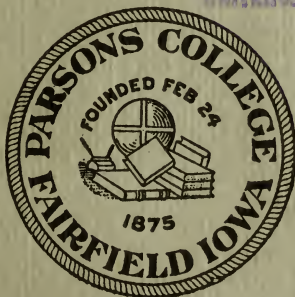
March, 1914.

Series XIII.

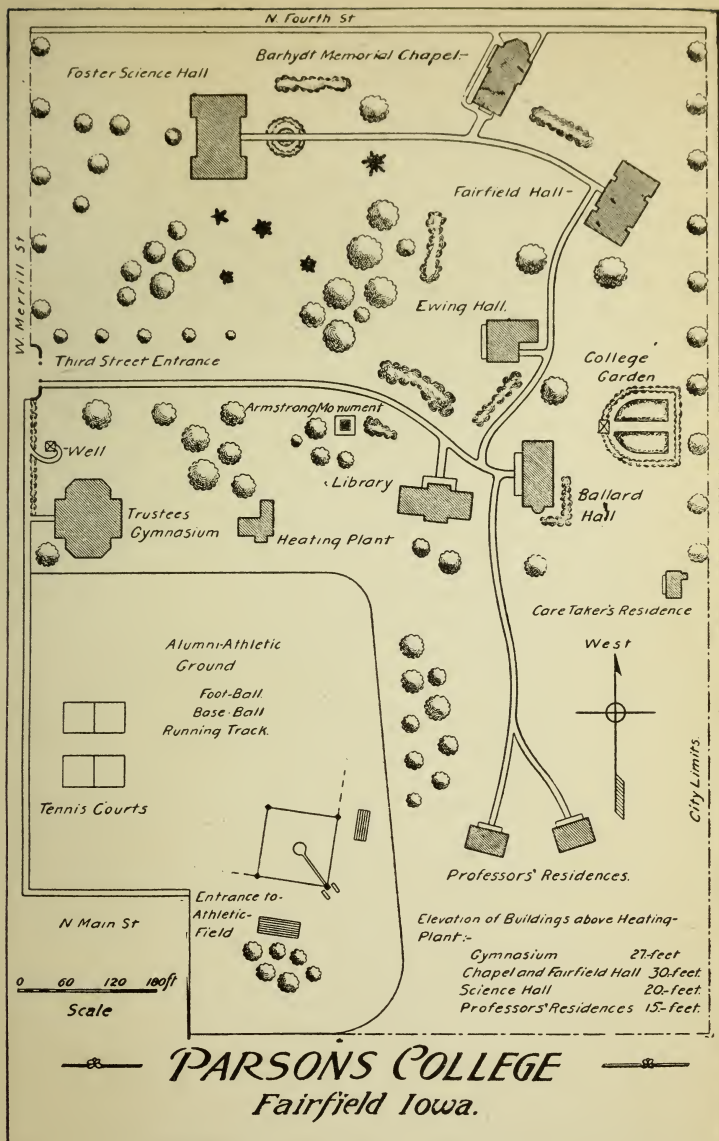
Number 8.

Parsons College Catalogue

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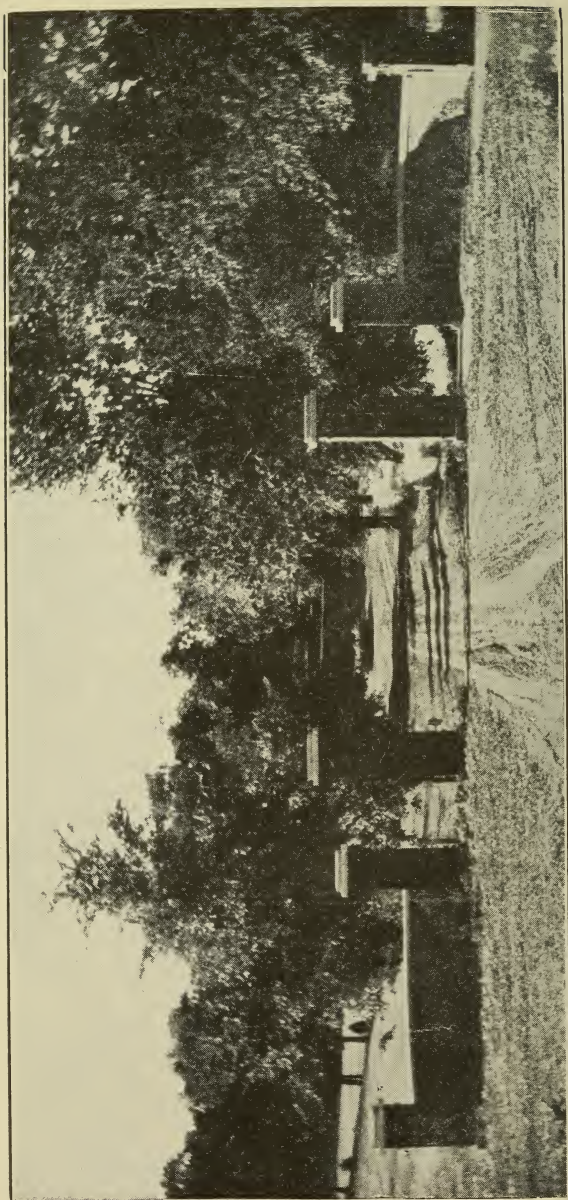
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ENTRANCE TO CAMPUS

ANNUAL CATALOGUE

OF

Parsons College

FOR THE

College Year 1913-1914

WITH

Announcements for 1914-1915

FAIRFIELD, IOWA
PUBLISHED BY THE COLLEGE
1914

CALENDAR-1914.

JANUARY.

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1915

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27	28	29	30	..	..	..

“**H**AVING long been of the opinion that for the usefulness, prosperity and happiness of children, a good moral and intellectual or business education, with moderate means, was far better than large, unlimited wealth, . . . and having long been convinced that the future welfare of our country, the permanence of its institutions, the progress of our divine religion, and an enlightened Christianity, greatly depend upon the general diffusion of education under correct moral and religious influence, and having during my lifetime used, to some small extent, the means given me by my Creator in accordance with these convictions, and being desirous of still endowing objects so worthy as far as in my power lies, I do therefore, . . . give and bequeath the residue of my estate . . . to my said executors and the survivors or survivor of them, in trust, to be by them used and expended in forwarding and endowing an institution of learning in the State of Iowa.”

LEWIS B. PARSONS.

College Calendar

1914.

January.

- 6. Tuesday. 8:00 a. m.—Class Exercises resume.
- 27-30. Tuesday to Friday. Mid-Year Examinations.

February.

- 3. Tuesday. 8:00 a. m.—Registration for Second Semester.
- 4. Wednesday. 8:00 a. m.—Class Exercises resume.
- 5. Thursday. Day of Prayer for Colleges.
- 22. Sunday.—Washington's Birthday.
- 24. Tuesday.—Founder's Day.
- Mid-Year Meeting Board of Trustees.

March.

- 2. Monday.—Examinations for removal of First Semester conditions.

March-April.

- 31-4. Tuesday to Saturday.—Spring Vacation.

May.

- 1. Friday.—Last day for submitting Senior Theses.
- 22. Friday.—Senior Examinations begin.
- 26. Tuesday.—Senior Vacation begins.

June.

- 4-8. Thursday to Monday.—Final Examinations.
- 6. Saturday. 7:00 p. m.—College "Sing-Out."
- 7. Sunday. 11:00 a. m.—Baccalaureate Sermon. Barhydt Memorial Chapel.
 - 4:15 p. m.—Vesper Service.
 - 7:30 p. m.—Address before the Christian Associations.
- 8. Monday. 3:00 p. m.—Academy Prize Contest.
 - 7:30 p. m.—Graduating Exercises of Academy.
 - Barhydt Memorial Chapel.
- 9. Tuesday. 7:00 p. m.—Annual Meeting Board of Trustees.
 - 8:00 p. m.—Class Day Exercises.

10. Wednesday.—Alumni Day.
2:30 p. m.—Mason and Kellogg Prize Contests
in Oratory.
5:00 p. m.—Alumni Picnic.
7:30 p. m.—Valedictory Exercises of Literary
Societies.
11. Thursday. 10:00 a. m.—Thirty-ninth Annual Commence-
ment. Barhydt Memorial Chapel.
12:00 m.—Alumni Dinner. Trustee Gymnasium.

September.

15. Tuesday.—Examinations for removal of conditions.
16. Wednesday.—First Semester begins.
8:00 a. m.—Registration of all students.
1:00 p. m.—Registration continued.
All students are required to register before 5 p. m., an ex-
tra fee of one dollar being charged for later registration.
17. Thursday. 8:00 a. m.—Instruction begins in all departments.
18. Friday. 10:00 a. m.—Opening Address. Barhydt Memorial
Chapel.

November.

17. Tuesday.—Last day for submitting subjects for Senior
Theses.
26. Thursday.—Thanksgiving Day. Holiday.

December.

23. Wednesday. 12:30 p. m.—Christmas Holidays begin.

1915.

January.

5. Tuesday. 8:00 a. m.—Instruction resumed in all depart-
ments.
- 26-29. Tuesday to Friday.—Mid-Year Examinations.

February.

2. Tuesday. 8:00 a. m.—Registration for Second Semester.
All students are required to register before 5 p. m., an extra
fee of one dollar being charged for later registration.
3. Wednesday. 8:00 a. m.—Instruction resumed.
4. Thursday.—Day of Prayer for Colleges.
22. Monday.—Washington's Birthday.
24. Wednesday.—Founder's Day.
Mid-Year Meeting of Trustees.

March.

1. Monday.—Examinations for removal of First Semester conditions.

March-April.

- 30-3. Tuesday to Saturday.—Spring Vacation.

May.

1. Saturday.—Last day for submitting Senior Theses.
25. Tuesday.—Senior Vacation begins.

June.

- 3-7. Thursday to Monday, inclusive.—Final Examinations.
6. Sunday.—Baccalaureate Sermon. Barhydt Memorial Chapel.
7. Monday.—Graduating Exercises of the Academy.
8. Tuesday.—Meeting of the Board of Trustees.
9. Wednesday.—Alumni Day.
10. Thursday.—Fortieth Annual Commencement.

Board of Trustees

	D. C. Bradley.....Centerville, Iowa	
	Charles Carter.....Fairfield, Iowa	
RETIRE	Rev. Archibald Cardle, D. D.....Burlington, Iowa	
1914	Winfield Smouse.....Washington, Iowa	
	Rev. R. A. Montgomery, D. D.....Ottumwa, Iowa	
	George W. Richardson.....Clarinda, Iowa	

	W. E. Blake, Esq.....Burlington, Iowa	
	*C. W. Black.....Malvern, Iowa	
RETIRE	Frank M. Fuller, M. D.....Keokuk, Iowa	
1915	Hon. W. B. Seeley.....Mt. Pleasant, Iowa	
	John C. Thorne.....Fairfield, Iowa	
	Rollin J. Wilson, Esq.....Fairfield, Iowa	

	Lowell M. McAfee, LL. D.....Fairfield, Iowa	
	Frederick D. Mason, Esq.....Lincoln, Neb.	
RETIRE	William Carden.....Winfield, Iowa	
1916	Charles L. Parsons.....Boulder, Colorado	
	Rev. Willis E. Parsons, D. D.....Fairfield, Iowa	
	W. G. Ross, Esq.....Fairfield, Iowa	

	Rev. LeRoy Coffman, D. D.....Davenport, Iowa	
	Thomas D. Foster, LL. D.....Ottumwa, Iowa	
RETIRE	Paul S. Junkin.....Creston, Iowa	
1917	Hon. Charles D. Leggett.....Fairfield, Iowa	
	John M. Lyon.....La Harpe, Ill.	
		

	William C. Howell, Esq.....Keokuk, Iowa	
	A. G. Jordan, Esq.....Fairfield, Iowa	
RETIRE	J. S. McKemey, Esq.....Fairfield, Iowa	
1918	Rev. John B. Rendall, Jr., D. D.....Muscatine, Iowa	
	William E. Thompson.....Fairfield, Iowa	
	Hon. C. J. Fulton.....Fairfield, Iowa	

*Resigned.

OFFICERS OF THE BOARD.

Thomas D. Foster, LL. D.....	President
Rev. R. Ames Montgomery, D. D.....	Vice President
Rollin J. Wilson, Esq.....	Secretary
William E. Thompson.....	Treasurer

EXECUTIVE COMMITTEE.

Thomas D. Foster, LL. D.....	Chairman
W. G. Ross, Esq.....	Secretary
Rollin J. Wilson, Esq.	W. E. Blake, Esq.
John C. Thorne,	J. S. McKemey, Esq.
William E. Thompson.	

FINANCE COMMITTEE.

J. S. McKemey, Esq.	A. G. Jordan, Esq.
John C. Thorne.	

VISITORS OF THE BOARD OF TRUSTEES.

Rev. John B. Rendall, Jr., D. D.....	Muscatine, Iowa
Frederick D. Mason, Esq.....	Lincoln, Nebraska
William Carden.....	Winfield, Iowa

VISITORS OF THE SYNOD OF IOWA.

Rev. J. I. Dool.....	Winfield, Iowa
Rev. W. B. Sandford, D. D.....	Waterloo, Iowa
W. B. Harrison.....	Des Moines, Iowa

Faculty

LOWELL MASON McAFEE, LL. D.,

President

A. B. Park College, 1880; A. M. *ibid.*, 1885; LL. D., Knox College, 1903. Parsons College 1913-. College Campus.

WILLIAM ALFRED WIRTZ, A. M.,

Dean. Professor of Modern Languages.

A. B. Cornell College, 1889; A. M. *ibid.*, 1892; Parsons College 1889-. 908 N. Fourth.

JOB EDGAR JOHNSON, A. M.,

Levi Parsons Professor of the Latin Language and Literature.

A. B. Yale University, 1898; A. M. Harvard University, 1899; Parsons College, 1899-. 603 N. Third.

RAPHAEL MONROE McKENZIE, Ph. D.,

Professor of Chemistry and Physics

B. S. New York University, 1890; M. S., *ibid.*, 1892; Ph. D., Johns Hopkins University, 1896; Parsons College, 1903-. College Campus.

CHARLES CARTER, M. S.,

Ringlund Professor of Biology.

B. S., Parsons College, 1894; M. S., *ibid.*, 1897. Parsons College, 1908-. 202 W. Washington.

PHILO CARPENTER HILDRETH, A. M.,

Professor of History and Economics.

A. B. Oberlin College, 1889; A. M. Columbia University, 1912. Parsons College, 1910-. College Campus.

EMERY ERNEST WATSON, M. S.,

Professor of Mathematics. Secretary of Faculty.

M. Di., Iowa State Teachers' College, 1901; B. S., State University of Iowa, 1905; M. S. *ibid.*, 1905. Parsons College, 1910-. 205 W. Kirkwood.

MAUDE AGNES McELROY, A. M.,

Dean of Women. Instructor in English Bible and in English.

A. B., Western College for Women, 1906; A. M., Columbia University, 1910. Parsons College, 1912-. Ballard Hall.

HUGH STRAIGHT BUFFUM, Ph. D.,

Professor of Philosophy and Education.

A. B., State University of Iowa, 1901; A. M., 1902, B. Di., *ibid.*, 1904; Ph. D., 1906. Parsons College, 1913-. 305 E. Burlington

OTTO WEIST HEDGES,

Professor of the English Language and Literature.

A. B., Ohio Wesleyan University, 1906; A. M., Harvard University, 1911. Parsons College, 1913-. 1000 N. Fourth

AUSTIN CLIFFORD DAVIS, A. B.,

Instructor in Biology.

A. B., State University of Iowa, 1913. Parsons College, 1913-. 1000 N. Fourth

EDGAR OSBORNE BROWN, A. B.,

Instructor in Physical Education and Athletic Director.

A. B., Wabash College, 1909. Parsons College, 1913-. 500 N. Court.

MARY ELEANOR HARPER, A. B.,

Librarian.

A. B., Wellesley, 1906; Graduate New York Public Library School, 1912. Parsons College, 1912-. College Campus.

FACULTY OF ACADEMY.

WILLIAM BELL,

Principal. Instructor in Mathematics.

Parsons College, 1912-. 301 W. Kirkwood

BESSIE BALLOU BUCHANAN, B. Di.,

Instructor in English.

B. Di., Iowa State Teachers' College, 1899; Parsons College, 1910-. 401 W. Hempstead.

NANCY MILLIGAN BELL, A. B.,

Instructor in Latin.

A. B., Parsons College, 1885; Parsons College, 1912-. 301 W. Kirkwood.

EDGAR OSBORNE BROWN, A. B.,

Instructor in History.

A. B., Wabash College, A. B.; Parsons College, 1913-. 500 N. Court.

MARGARET CURME WIRTZ,

Instructor in German.

Parsons College, 1913-. 908 N. Fourth.

CLAUDE ELMER DOWNARD, A. B.,

Secretary to the President.

A. B. Parsons College, 1909; Parsons College, 1906-. 607 N. Main.

STUDENT ASSISTANTS.

ELEANOR JEAN BONAR,
Library Apprentice.

GEORGE MALCOLM GRIFFITH,
ARTHUR EARL JULIAN,
Assistants in Chemistry.

LAWRENCE ROBERT TAYLOR,
CLARENCE PAUL SLATER,
Assistants in Physics.

SARAH ANNE ELIZABETH FOELKER,
Instructor of Young Women in Physical Culture.

FACULTY OF SCHOOL OF MUSIC.

JAMES POLLOCK MOORHEAD.

*Director of the School of Music. Head of Piano Department and
Instructor in Piano and Musical History.*

Graduate, Parsons School of Music, 1897; Graduate, New England Conservatory of Music, 1901; Pupil of Schvinir, 1903-4. Parsons College, 1904-. 106 W. Madison.

ERMA ALICE TAYLOR, Mus. B.,

Instructor in Pipe Organ, Piano, and Theory.

Mus. B., Oberlin Conservatory of Music, 1912; Parsons College, 1912-. 301 W. Kirkwood.

LILLIAN JUNE ELLIS,

Instructor in Voice.

Pupil of Madame Boetti, 1907-8. Pupil of Madame Schultz, 1910-11. Ewing Hall.

FRED HUNT.

Instructor in Violin.

Pupil of Spiering, 1899-1901. Parsons College, 1901-. 53 W. Madison.

MARY JOHANNA NICKELSEN, A. B.,
Matron of Ballard Hall.

Ballard Hall.

JAMES TURNER.

Custodian of Buildings.

College Campus.

OFFICERS OF ADMINISTRATION.

Lowell M. McAfee.....	President
William A. Wirtz.....	Dean
Maude A. McElroy.....	Dean of Women
Emery E. Watson.....	Secretary of Faculty
Charles Carter.....	Registrar
William Bell.....	Principal of Academy
Mary E. Harper.....	Librarian
David Yule.....	Financial Secretary
William W. Smith.....	Field Secretary

CLASS OFFICERS.

Seniors and Juniors.....	Professor McKenzie
Sophomores.....	Professor Johnson
Freshmen.....	Professor Watson
Academy.....	Professor Carter

STANDING COMMITTEES OF THE FACULTY, 1913-1914.

Administration—McAfee, Wirtz, Carter, McElroy.

Admission—Wirtz, McKenzie, Watson.

Appointments—Buffum.

Athletics—Brown, Watson, Johnson.

Book Room—McAfee.

Catalogue—Hildreth, Buffum.

Curriculum—McKenzie, Wirtz, Johnson, Carter.

Debates—Watson, Hedges.

Library—McAfee, McKenzie, Wirtz.

Public Exercises—Hildreth.

Religious Life—McAfee, Hildreth, McElroy.

Schedule—Watson, Carter.

Scholarships—McAfee, Watson, Carter.

Social Functions—McAfee, McElroy.

Student Publications—McAfee, Hedges.

Lecture Course—Watson, Moorhead, Buffum.

Historical

SKETCH.

Parsons College stands as a concrete expression of the desire of a Christian business man, Lewis B. Parsons. The wish of its honored founder was to make possible an education, under Christian influences for the youth of Iowa. Dying twenty years before the College was begun he could only devise and make known his wishes.

At the earliest possible date the sons of Mr. Parsons, who were his executors, sought to carry out the wish of their father. After careful consideration it was decided to accept the offer of a site from Fairfield, and the College was founded February twenty-fourth, 1875.

The following September school was opened as an institution of college rank under the care of the Presbyterians of Iowa. Young men and women were admitted on equal terms.

The first class was graduated in 1880, and numbered sixteen. The Alumni now number four hundred and thirty-nine.

On the night of August nineteenth, 1902, Ankeney Hall, the main building, was totally destroyed by fire. This meant the loss of everything which constitutes a college and it looked dark for the future. But out of this loss there has arisen a new and greater Parsons. In the place of one building of the early days there are now eleven, and instead of the three members of the first Faculty there are twenty-one, thus enlarging the scope of the work and assuring the future.

PRESIDENTS OF PARSONS COLLEGE.

Rev. John Armstrong, D. D.....	1877-1879
Rev. E. J. Gillette, D. D.....	1879-1880
Rev. T. D. Ewing, D. D.....	1880-1889
Rev. Ambrose C. Smith, D. D.....	1889-1896
Rev. Daniel E. Jenkins, D. D., Ph. D.....	1896-1900
Rev. Frederick W. Hinitt, D. D., Ph. D.....	1900-1904
Rev. Willis E. Parsons, D. D.....	1904-1913
Lowell M. McAfee, LL. D.....	1913-

SUMMARY OF EVENTS.

The Lewis B. Parsons Will Executed.....	December, 1855
Citizens of Fairfield organized to secure the Parsons Endowment Fund.....	November 24, 1874
Articles of Incorporation signed.....	February 24, 1875
College opened in the Bernhart Henn residence..	September 8, 1875
Rev. Alex. G. Wilson, A. M., began three years' service as Rector of the Academy.....	1875
Rev. John Armstrong began two years' service as Financial Agent and Professor of Morals.....	1875
Alethean Society organized.....	October 5, 1875
Aldine Society organized.....	October 15, 1875
First College Building and Chapel occupied.....	January, 1876
Department of Music opened.....	September, 1879
Orio Society organized.....	1879
First Class graduated.....	June 16, 1880
First edition of The Portfolio.....	December, 1881
Armstrong Professorship founded.....	1882
Corner Stone of New College laid.....	June 2, 1882
Ringland Professorship founded.....	1882
Elzevir Society organized.....	January 19, 1883
Hunt Professorship founded.....	1883
Levi Parsons Professorship founded.....	1892
Ankeney Hall completed.....	January, 1893
Skinner Professorship founded.....	1898
Corner Stone of Ballard Hall laid.....	April 8, 1901
Ankeney Hall destroyed by fire.....	August 19, 1902
Foster Hall opened.....	September 22, 1903
Fairfield Hall opened.....	September 22, 1903
Empyrean Society organized.....	November 19, 1903
Rev. Willis E. Parsons, D. D., inaugurated President..	May 30, 1905
Martha Pettus Parsons Professorship founded.....	1907
Alumni Field dedicated.....	June 5, 1907
Library dedicated.....	June 5, 1907
Trustee Gymnasium dedicated.....	June 8, 1909
Corner Stone of Barhydt Memorial Chapel laid.....	June 8, 1910
Dedication of Barhydt Chapel.....	October 18, 1911
Campaign for \$325,000.00 begun.....	March 18, 1912
President's Home rechristened "Ewing Hall" and made headquarters for School of Music.....	June 12, 1912
Lowell M. McAfee called to Presidency.....	July 30, 1913

Buildings and Equipment

FAIRFIELD HALL (40x86 feet), so named in recognition of the generosity of the citizens of Fairfield in contributing to the building fund, is constructed of pressed brick, trimmed with white brick and stone, and provides commodious quarters for the literary work of both the Collegiate and Academic departments. It contains well-lighted class rooms, an assembly room with a seating capacity of seventy-five, offices, cloak rooms fitted with lockers and rooms for the literary societies of the College. The President's offices are located in this building.

The furniture of the class rooms is all of the most approved kind, consisting of tablet chairs fitted with iron pedestals firmly fastened to the floor, excellent blackboards, and special maps as required by the different departments. The latest type of Bausch & Lomb Balopticon for both lantern and opaque projection is a recent addition.

FOSTER HALL (69x112 feet), the home of the science department, so named in recognition of the generous gift of Mr. T. D. Foster of Ottumwa toward the building fund, is most complete in all its appointments.

The Department of Chemistry occupies the greater part of the third floor. There is provided on the south side of the building a room for the department library, the private laboratory of the professor, and the lecture room. The lecture room seats seventy pupils and is furnished with rows of opera chairs each row raised above the one in front so that the lecture table may be seen by all students. The lecture table is provided with gas, pneumatic trough, running water, and a suction to carry away any gases which might escape during the experiments. Back of the lecture table is a hood and blackboard with charts for illustrating the lectures.

Adjoining the lecture room on the north are the supply room and the weighing room, where the balances for the students doing quantitative work are kept.

The three laboratories are situated on the north side of the building, and provide ample room and the best equipment for work in chemistry. The laboratory for general experimental work

and for qualitative analysis is in the middle of the building. It has desk room for thirty-six students; each desk is provided with a sink, running water, gas, etc. There are also a large number of hoods where obnoxious gases are carried away from the laboratory. At each end of the general laboratory, separated from it by glass partitions, is a smaller laboratory, each having desks for twenty-four students. One of these laboratories is used by the students in quantitative analysis, and the other by students engaged in making chemical preparations, both in organic and inorganic chemistry. Each student is provided with a locker in the hall, and in every way the arrangements are as complete as possible.

The Biological Department, occupying the second floor, has large and light laboratories. The principal one of these is that for the use of the class in general biology. This room is at the east end of the building and has accommodations for thirty pupils. It is splendidly lighted by ten large windows. Tables at which two pupils can work are so placed that the light for microscopes cannot be obscured. There are gas connections for each table, and a full set of preserving and staining reagents is provided for each pupil. The microscopes are Bausch and Lomb's B. II., equipped with 2-3 and 1-6 objectives and Nos. 1 and 2 oculars.

The lecture room is in the southwest corner. It is seated with tablet-arm opera chairs. There is a demonstration desk with gas and water attachments for lecture purposes, and a complete projection apparatus has been installed. The department library adjoins the lecture room and is amply furnished with reading tables, chairs, etc.

At the south end is the laboratory for animal morphology, in which provision is made for work in dissection, injection, and all work of like nature. The laboratories for histology, bacteriology, and physiology occupy the north side of the building, and there are also rooms for incubators and for photographic work.

The biological and geological specimens are placed in museum cases that are built around the large entrance hall.

The Physical Department occupies the greater part of the first floor of Foster Hall. The west end of the floor is occupied by the electrical laboratory and the general physical laboratory, which accommodates twenty-five students. Adjoining the physi-

cal laboratory is the optical laboratory. This can be made perfectly dark, and is provided with gas and electric lights as well as direct electric current for photometric measurements.

The engine room and metal workshop adjoin the electrical laboratory, supplying power to the latter. At the east end of the building are the carpenter shop and the physical lecture room which seats seventy students. The lecture table is provided with gas, sink, water, and a direct electric current of from 2-35 volts and up to 20 amperes. The room is also provided with opaque shades, screen, and projection lantern. Opening from this is the physical apparatus room, which is fitted with glass cases for the apparatus.

The equipment is new and complete, including such pieces as balances, cathetometers, dynamos for direct and alternating current, storage batteries, standard meters, transformers, spectroscope, etc.

The Department of Psychology occupies two rooms at the southwest corner of the third floor. One is a recitation and lecture room and the other is the psychological laboratory. The laboratory already has a dark room and the other apparatus is being secured.

LIBRARY (35x90 feet). This building, the gift of Andrew Carnegie and Thomas D. Foster, is constructed of wine-colored brick with Bedford stone trimmings and tile roof. The interior is beautifully finished in Flemish oak, with furniture to correspond. The fire-proof stack room has ample capacity for 25,000 volumes. The remainder of the first floor is given over to the general reading room, the Librarian's room, and the reference alcove. The second floor contains a suite of offices, a large room for Faculty and Board meetings, and fire-proof vault.

This part of the equipment of Parsons has had a steady growth during the past seven years. With but three volumes left by the fire of August, 1902, it has increased to over 7,800 usable and used books, exclusive of government documents. Accessions are made to meet the needs of the department. Effort is being made to increase the efficiency of the reference department.

The Library regularly receives the following periodicals:

American Economist.	North American Review.
American Magazine.	Outlook.
American Naturalist.	Photo-Era.
Annals of Iowa.	Popular Astronomy.
Atlantic Monthly.	Popular Electricity.
The Bookman.	Popular Science Monthly.
Camera Craft.	Presbyterian Examiner.
The Century.	Psychological Review and Bulletin.
The Continent.	Public Service.
Current Literature.	Reader's Guide.
Educational Review.	Record of Christian Work.
Fleet Review.	Review of Reviews.
Gospel Trumpet.	School Science and Mathematics.
Herald and Presbyterian.	Scientific American.
Independent.	Sunset.
Iowa Journal of History and Politics.	Survey.
Journal of Political Economy.	Technical Magazine.
McClure's.	Wallace's Farmer.
Missionary Review.	World's Work.
Modern Language Notes.	The Chicago Record-Herald.
Musician.	Des Moines Capital.
Nation.	Ottumwa Courier.
National Monthly.	Fairfield Tribune (Weekly).
	Fairfield Ledger.

BARHYDT MEMORIAL CHAPEL. This building, the latest addition to our equipment and the most beautiful building on the campus, was erected in 1911 by Mr. Theodore W. Barhydt in memory of his father, Nicholas Barhydt, and his mother, Phoebe Headley Barhydt. It is constructed of Bedford and Eddyville stone. A pleasing contrast in color is afforded by the roof, which is of green tile. The extreme length of the building, including the nave and apse, is one hundred and seventeen feet; the length of the transept is sixty feet.. The tower, built in Norman style, is fifty-five feet high.

The interior finish of oak and hard pine is done in early English style, the walls being tinted to harmonize with the natural color of the wood. The large windows of the transept are twenty-four feet high and twelve feet in width. They have been

designed by skilled artists and are constructed of the finest art glass. Figures symbolical of Victory are worked into the north window, and in the south window is a representation of the Rich Young Ruler which is intended to be symbolical of human choices.

The main body of the building comfortably seats five hundred and fifty people. A small balcony at the rear has a seat capacity for fifty. The rostrum, elevated three feet above the main floor, is furnished with a handsome pulpit and seventeen especially designed seats for the faculty. On a rising grade to the rear of the rostrum are fifty choir seats. A new three manual pipe organ of the latest type occupies the apse of the Chapel. It possesses great range of tonal power and was especially constructed for the instruction of students in pipe organ as well as for the Chapel services. This splendid instrument erected in the fall of 1913 is also the gift of Mr. Barhydt and fittingly completes the beautiful building of which the College is justly proud.

BALLARD HALL (40x90), the young ladies' dormitory, is designed in a modernized colonial style. It is a three-story building constructed of vitrified brick with light trimmings, at an outlay of over \$17,000. The interior is arranged on a novel plan. The dining room is a semi-basement apartment not below the outside ground level. The parlor floor is elevated about four feet above the dining room floor, and is connected by open screen-work and free columns with a mezzanine story containing a large hall, the dean's office, the housekeeper's rooms, and four other rooms. One end of this hall terminates in a large art glass window, opening upon a semi-circular balcony. The other terminates in an interior bay window effect, with seat, partition and screen. The parlor is a room 37 feet and 6 inches long by 29 feet wide, divided into six alcoves by four free columns and four partitions the height of the wainscoting. Across the end of one of these alcoves there is a large brick fireplace and mantelpiece. There are seats built into the alcove and corners, and the whole is arranged so that the parlor and hall may be used as one large room for receptions and other festive occasions, and still be cozy and homelike for every-day use.

The second story is divided into ten departments, besides a large toilet and bath room. Each apartment furnishes study-room facilities for two students and contains two alcoves. Each of these alcoves is supplied with a single bed and a wardrobe. The

rooms are lighted by both gas and electricity, and heated by steam.

EWING HALL. Formerly the residence of the president. The building, of brick construction, has been adapted to the use of the School of Music whose studios occupy the lower floor. This arrangement provides excellent facilities for the study of music. The upper floor furnishes a dormitory annex for those young women who have been unable to secure rooms in Ballard Hall. Its close proximity to the latter renders it especially convenient in going to and from meals. It is heated by steam from the central plant as is Ballard Hall.

TRUSTEE GYMNASIUM. (98x70). This building, erected at a cost in excess of \$21,000, is known as Trustee Gymnasium in recognition of the generous contributions of the Board of Trustees. The architecture is Romanesque, special attention being given to the treatment of the outside walls, which present a very artistic appearance. The exterior of the wall has a dry-pressed, chocolate-colored face brick, relieved by profuse Bedford stone trimmings and galvanized iron cornices. The roof is slate and composition.

A solid brick wall divides the basement floor into two compartments, one for men and one for women. Each compartment is provided with a measuring room, locker rooms, and eleven shower baths. In order to insure the best sanitary conditions, special care has been taken to secure well ventilated lockers, a good cement floor, and perfect plumbing and drainage.

The main floor of the building contains two office rooms, an apparatus room, and the large exercise and drill hall. The roof being supported by trusses, this hall presents a free floor space ninety-five feet long and fifty feet wide. The floor is hard maple. Nine feet above the floor on the exterior wall is a running track. On a level with the track and above the offices are two trophy rooms. A special feature of the main floor is a stage, raised above the level of the floor and built above the rear porch of the building. At the front of the stage is a proscenium arch. At the side of the main entrance is a room equipped with cupboards and sinks. These arrangements make it possible to use the room for banquets and entertainments, and as an auditorium. By using the track as a gallery one thousand people can be seated in view of the stage.

The interior wood finish of the building is natural oak. The interior walls are of white brick, with a chocolate-colored brick wainscoting.

PROFESSORS' HOUSES. On the campus are two brick houses with all modern improvements. These houses, recently erected by the College, are occupied by two of the professors and their families. Immediately adjoining the campus is another modern residence which is owned by the College and occupied by one of the professors.

TELESCOPE. Recently a telescope with a four and one-half inch object glass was purchased as an aid to the work in Astronomy. The telescope is portable and is equipped with the usual battery of eye-pieces. It serves admirably for the work of amateurs in the study of the moon, planets, sun, nebulae, star-clusters and double stars.

CENTRAL HEATING PLANT. All College buildings are heated from the central plant. It provides space for two boilers of one hundred and twenty-five horse-power each. Besides the boiler room and coal bins, the plant contains two rooms for the use of janitors.

General Information

Aim.

As seen in the introductory historical statements, the aim of the College is to afford students of both sexes the advantages of a liberal education in the Arts, Sciences and Philosophy. Its courses of study and methods of instruction are adapted to secure accurate scholarship and thorough discipline. It aims not only to fit its students for professional study and practical life, but also to form the character by a broad Christian culture. This it seeks to attain by direct Biblical instruction in the class room and by the Christian spirit which pervades all the work of the College.

Location.

The city of Fairfield is one of the most delightful in the state. It is situated at the crossing of the Chicago, Burlington & Quincy and the Chicago, Rock Island & Pacific railroads, and is easy of access from all points. The place is healthful, the society congenial, cultured and Christian. Many families have removed to Fairfield to secure for their children the advantages of the College, a plan which it is hoped many others may follow.

The College Library.

It is the aim of the Faculty to keep this distinctly a reference library. New books are purchased to increase the efficiency of the various departments of the College. In addition to the main library, there are two specialized science libraries in Foster Hall for the greater convenience of students in biology and chemistry.

The State Traveling Library also loans collections of books which may be changed as need arises. The College possesses exchange privileges with the Fairfield City Library, which is a depository for government documents and therefore offers facilities for research work in certain lines.

The students have access to the shelves and the privilege of drawing books during the hours of the recitation days and two evenings a week. The use of the library is also extended freely

to all graduates, clergymen, teachers in the vicinity of the College, and to such others as comply with the necessary conditions.

From time to time picture exhibits are held in the reading rooms, and to these the public is cordially invited.

Every effort is made to have the library properly supplement the work of the class room.

Fairfield Free Public Library.

This library offers excellent facilities, free of expense, to the students of Parsons College. It contains a valuable collection of 20,000 volumes in all departments of literature. Its museum contains about 20,000 specimens, and is especially rich in the departments of zoology and ethnology. Additions are continually being made both to the library and museum.

Through the munificence of Mr. Andrew Carnegie, a fire-proof building, complete in all its appointments and a model of architectural beauty, was erected in 1892, at an expense of \$40,000.

Religious Exercises.

Daily religious services, at which all students are required to be present, are held in Barhydt Memorial Chapel, under the direction of the Faculty.

Every student is required to select some church in the city, and to attend its services at least once on the Sabbath. Students are also expected to attend the Vesper services held in the College Chapel on Sabbath afternoon.

Religious Organizations.

There are two College Christian Associations, one for the young men and the other for the young women. Under the direction of the Associations, a large part of the religious work among the students is carried on. They are well organized, and have a large membership from all classes. The meetings are a very important feature of college life.

Y. M. C. A.

The Young Men's Christian Association of the College, in addition to the regular weekly prayer-meeting, conducts classes for the systematic study of the Bible and of missions. The student is guided by outlines published by the International Committee. The Association is annually represented at the Lake Geneva Conference by several delegates.

Y. W. C. A.

The young ladies of the College are annually organized into circles for systematic Bible and mission study. The students are guided in their work by a suitable outline of study chosen from among those recommended by their delegates to the Annual Conference at Lake Geneva, Wisconsin. In addition to these meetings, a prayer meeting is held every Tuesday evening. In connection with the Y. M. C. A., a monthly meeting is held for the study of missions and missionary subjects.

Literary Societies.

There are four literary societies in the College, conducted by the students under the general regulation of the Faculty. These are Aldine, Orio, Elzevir and Empyrean. They present opportunities for improvement in writing and extemporaneous speaking and in parliamentary practice. Annual prize contests in declamation, debate, oratory, and essay-writing are held in each of these societies. These contests furnish a stimulus to excellence in literary work. Two literary societies, Philo and Soronian, have been organized for the young men and women of the Academy.

The Staff and Circle—An honorary society consisting of six members elected by the young women of the Junior and Senior classes from their own number. Eligibility to membership in this society rests solely on consideration of high qualities of womanhood; those chosen are, in the opinion of their classmates, best fitted to serve as an aid to the Dean of Women in furthering the highest welfare of the women of the College and Academy.

Physical Training and Athletics.

The College authorities encourage physical training as acquired in the exercises and contests of the athletic field. The direction of Athletics is now vested in the Board of Athletic Control, consisting of two Faculty members, two alumni members, and two members from the student body. This Board maintains the usual ball, tennis and track teams. The enlarged athletic field is now fitted out with a quarter-mile cinder track, enclosing a gridiron and diamond of the most approved pattern. The College permits and favors intercollegiate athletics. The Director of Athletics supervises all athletic games and conducts classes in physical training for all students.

State Teachers' Certificate.

On application to the State Examining Board, graduates of Parsons College may receive a five-year first grade certificate, if certain work prescribed by the Board has been included in the course pursued by the applicant. This prescribed work consists of twenty semester-hours, as follows: Psychology, six hours; Education, fourteen hours.

Conduct of Students.

The Faculty of the College has passed certain administrative rules which apply to absences, credits, honors, and similar matters. With reference to the general conduct and deportment of students it is the policy of the Faculty not to pass rules; and, with few exceptions, this policy has been strictly followed. Students, when they matriculate, are placed on their honor. They are expected to behave in a gentlemanly manner at all times and in all places, to respect the rights and privileges of their instructors and fellow students, and to attend faithfully to their work. Without assigning any specific reasons, the Faculty may at any time dismiss any student whose conduct is in their judgment detrimental to the welfare of the institution.

Recitations, Examinations and Absences.

Students will be admitted at any time and assigned to classes for which they may be prepared, but it is very important and desirable that they enter at the beginning of a semester. A fee of one dollar is charged for registration after the first day of each semester.

No college exercises are held on Monday. The closing days of each semester are devoted to examinations on the work of the semester.

Admission to classes is by cards. These are granted by the Dean to each student when he presents a receipt from the treasurer for the semester's bills. No student will be enrolled in any class until he has presented his card for that class to the instructor; and no student will be permitted to drop out of a class without permission from the Faculty. Violation of this regulation deprives a student of credits made in other classes until all the courses for which he is registered have been satisfactorily completed.

Five or more unexcused absences deprive a student of credit

in the course in which the absences occur. Credits lost in this way may be restored only when the work in arrears has been satisfactorily completed. In administering this rule two excused absences are counted as equal to one unexcused. Unexcused absences on the day or days immediately preceding or following a regular scheduled holiday or recess and all prearranged or concerted absences by any considerable number of students shall count double and receive double penalty.

Reports and Grades.

The record of each student is sent to his father or guardian at the end of each semester, and failure to receive such report should at once be communicated to the Registrar of the Faculty. Grades are reported in percentages. Grades below 60 per cent. indicate **failure**, and no credit is allowed for work so recorded. Grades between 50 and 60 per cent. do not necessarily exclude a student from continuing in the course in which such grades are received. Arrangements for continuing the course and completing the work in arrears may be made, if the instructor considers it advisable. At the option of the instructor, students whose class work averages 95 per cent. may be exempt from the semester examination.

Honors in All Studies.

In order to encourage students to excel in all studies of the College course, the following system of Honors was adopted to become effective at the beginning of the year 1908-09: A student whose average grade for the eight semesters of his or her college course shall not fall below 95 per cent. shall be entitled to receive the Baccalaureate degree **Summa cum laude**. For an average of 93 per cent. and below 95 per cent. the degree is conferred **Magna cum laude**; and for an average of 90 per cent. and below 93 per cent. the degree is conferred **Cum laude**.

Graduation.

A detailed statement of the requirements for graduation is made on another page. A general statement is that the work of the College is a course requiring four years of residence (except for those admitted to advanced standing) leading to the Bachelor's degree in Arts, Science, or Philosophy, according as the student does major work in one or another of these fields. Regular work

for each student is four approved courses and Bible each semester. The number of semester hours for graduation will be found to vary in individual cases from 120 to 128.

Second Degrees.

The College confers the degrees of Master of Arts and Master of Science upon graduates who have previously taken a baccalaureate degree in this college. Candidates who wish to be recommended for either of these advanced degrees must pursue an approved course of study equivalent to the work of one year of graduate study in the College, must present a satisfactory thesis, and pass successfully all required examinations. For more detailed information apply to the Secretary of the Faculty. The Master's degree is only conferred in recognition of work done in residence.

Prizes.

The following prizes are awarded in the College:

1. The Kellogg Prizes first and second of twenty and ten dollars, respectively, given by Mr. R. D. Kellogg, Kansas City, Missouri, to the two members of the Junior class who shall write and deliver in the best manner an English oration.
2. The Mason Prizes of fifteen and ten dollars, respectively, given by Mr. Fred D. Mason, Lincoln, Nebraska, to the two members of the Freshman class who shall write and deliver in the best manner an English oration.
3. The Foster Prize of twenty-five dollars, given by Mr. T. D. Foster, Ottumwa, Iowa, for excellence in debate.
4. The Horatio Millard Newcomb Prize of fifteen dollars, given by Rev. Ezra B. Newcomb, D. D., Keokuk, Iowa, to that member of the Senior class who shall attain high rank in the Biblical studies of the Junior and Senior years, and who shall present the best essay on some assigned Biblical subject.
5. The Brockman Prize of fifteen dollars, given by Dr. D. C. Brockman, Ottumwa, Iowa, to that member of the Senior class who shall attain high rank in Political Economy, and who shall present the best thesis on some assigned topic on that subject.
6. The Aldine Alumni Endowment Fund Association's Prizes in Oratory, first and second, of fifteen and eight volumes of books, respectively, given by the Association to the two Sopho-

more members of the Aldine Literary Society who shall excel in an oratorical contest.

7. The Orio Prize in Oratory, a gold medal given by the Orio Literary Society to that one of its Sophomore members who shall excel in oratorical contest.

8. The Elzevir Prize in Oratory, a set of valuable books, given by the Elzevir Literary Society to that one of its Sophomore members who shall excel in an oratorical contest.

9. The Aldine Alumni Endowment Fund Association's Prizes in Debate, first and second, of fifteen and eight volumes of books, respectively, given by this Association to the two Freshmen members of the Aldine Literary Society who shall excel in a contest in debate.

10. The Orio Prize in Debate, a gold medal, given by the Orio Literary Society to that one of its Freshman members who shall excel in a contest in debate.

11. The Elzevir Prize in Essay-Writing, a set of valuable books, given by the Elzevir Literary Society to that one of its Freshman members who shall excel in a contest in essay-writing.

12. The Presbyterian Temperance Committee under the control of the General Assembly offers a prize of \$25.00 in gold for the best oration on some phase of the temperance reform. This prize is offered subject to certain conditions which can be ascertained upon application to the Faculty Committee on Debating.

Expenses.

The college year is divided into two semesters. The first semester bill is as follows:

Tuition	\$20.00
Incidental fee	5.00
Damage deposit (annual)	1.00
Athletic fee	4.00
Total	\$30.00

Second Semester Bill.

Tuition	\$20.00
Incidental fee	5.00
Athletic fee	4.00
Total	\$29.00

The following fees are charged extra to all students taking laboratory work in the subjects named below, in order to cover cost of material used:

Biology, all courses	\$3.00 per semester
Chemistry, course 1-2	3.00 per semester
Chemistry, advanced courses	3.00 per semester
Physics, all courses in the College	3.00 per semester

A reduction of fifty per cent. from the regular rate of tuition will be made to the sons and daughters of ministers and missionaries.

The tuition for students who have less than twelve hours of recitation per week is as follows, per semester:

One hour a week.....	\$ 2.00
Two hours a week.....	3.90
Three hours a week.....	5.75
Four hours a week.....	7.50
Five hours a week.....	9.20
Six hours a week.....	10.85
Seven hours a week.....	12.45
Eight hours a week.....	14.00
Nine hours a week.....	15.50
Ten hours a week.....	16.95
Eleven hours a week.....	18.35

Students taking work in excess of eighteen (18) hours per week will be charged \$2.00 for each hour.

The charge for the Incidental Fee to students who have less than full work is as follows, per semester:

For one course.....	\$1.75
For two courses.....	3.00
For three or more courses.....	5.00

The payment of the Athletic Fee of \$4.00 per semester is required and entitles each student to all Lecture and Musical numbers of the College Course, to all privileges of the Gymnasium, and free admission to all athletic games.

The Damage Deposit referred to above is required of each student, to constitute a damage fund, out of which the College property damaged by the students, when the author is unknown, is repaired. At the end of the year the balance is refunded. By

this means the property is kept in good condition, and the amount deducted from each deposit has hitherto been very small.

A fee of one dollar is charged for each registration made two days after the commencement of a semester, or later.

In case of absence from work for half a semester, occasioned by sickness or other unavoidable cause, one-half the tuition for the semester will be refunded. **This applies to tuition only.**

A fee of \$5.00 is required of each student before graduation from College. This is to be paid at the opening of the semester preceding graduation.

Young ladies from a distance are expected to take up their residence in Ballard Hall. The rooms are well furnished with needed articles, save those that are personal. Each student should provide the following articles: A napkin ring; towels; sheets, size three-quarters; pillow slips, size 22x27 inches, and such other bedding as she may wish. If curtains for the windows or rugs for the floors are desired, they should be brought by the student. The matron of the dormitory sees to the washing of sheets and pillow slips, but each student should provide for her personal washing. All personal property should be marked with the owner's name very plainly.

There are three grades of rooms varying in size and location. The charges for these per semester, including board, will be: For the lowest grade, \$70.00; for the intermediate grade, \$75.00; and for the highest grade, \$80.00. To secure the reservation of a room previous to the opening of a semester, a deposit of five dollars is required.

All dormitory bills must be paid as follows: One-half at the opening of a semester, and the other half at the middle of the semester. No reduction will be made except in case of prolonged sickness. Meals served in rooms will be charged extra at the rate of 25 cents per meal. The young men and others who take their meals at the refectory will be required to pay at the beginning and middle of the semester. Day boarders will be charged \$3.00 per week. No reduction will be made except in case of prolonged illness.

Board for young men, including room, fuel and light, is provided in pleasant homes at prices varying from four to five dollars per week; board in private families, at three to four dollars per week. Furnished rooms, suitable for two students, can be

rented in the town at prices ranging from seventy-five cents to two dollars per week. The Faculty will render assistance, when desired, in finding suitable boarding places for students.

Every young person of good moral character, who is bent on gaining a liberal education, and who is willing to make the necessary sacrifice and to practice corresponding economy, will always find sympathy and encouragement in Parsons College.

The annual expenses of a student, traveling expenses not included, need not exceed \$275; and students using economy can reduce the annual expense below the moderate estimate in the following summary:

	Moderate.	Liberal
Tuition (including sundry fees).....	\$ 59.00	\$ 65.00
Room	35.00 to	80.00
Fuel	5.00 to	10.00
Board	108.00 to	144.00
Incidentals (including washing, books, etc.).....	40.00 to	60.00

SCHOLARSHIPS.

Scholarships are of two classes, as follows: Honor Scholarships and Student Loan and Service Scholarships. A full scholarship in either of these classes covers the forty-dollar tuition charge, but in no case includes the incidental, athletic, damage, or other fees.

HONOR SCHOLARSHIPS.

FRESHMAN HONOR SCHOLARSHIP.

Any student graduating with highest rank from any fully accredited High School in Iowa, is entitled to a Scholarship covering tuition charge for one year.

HORACE B. SILLIMAN SCHOLARSHIP.

Horace B. Silliman, LL. D., of Cohoes, N. Y., through the College Board of the Presbyterian Church, established a scholarship fund of \$1,000.00, "the annual income of which shall be applied to the tuition of such male students as are members of some evangelical church, as shall be selected by the Faculty of the College, for good scholarship and active Christian influence, with prospects of future usefulness, and under such other conditions

as the Faculty shall determine." This scholarship will be awarded in June of each year to a male member of the Junior class on the basis of his work and conduct in the Freshman and Sophomore years.

GEORGE LINCOLN SEELEY SCHOLARSHIP.

This scholarship of \$1,000, established as a memorial to George Lincoln Seeley, is awarded to the young man in the Senior class who, during the preceding three years at Parsons College, has ranked highest as an all around student.

ELIZA MATILDA FOSTER SCHOLARSHIP.

This scholarship of \$1,000, a memorial to Eliza Matilda Foster, is awarded to that young woman in the Senior Class who has attained highest rank during the preceding three years in Parsons College.

STUDENT LOAN AND SERVICE SCHOLARSHIPS.

These scholarships are limited in number. Their purpose is to aid needy and worthy students who are able to meet the requirements of good scholarship, high personal character, exemplary conduct and habits of economy in the use of both time and money.

A few Loan scholarships are available for students who sign notes which bear interest after graduation.

Every holder of a Service scholarship may be called upon to render the College some service. Such service shall receive compensation at the rate of fifteen cents per hour to be applied primarily upon college bills.

A full scholarship is forty dollars a year. The amount assigned to any one student will depend on the need and merit of the applicant and on the amount of funds at the disposal of the Scholarship Committee.

No scholarships are given to students who are conditioned in any subject.

A scholarship, withdrawn because of failure in any study, may be restored after the lapse of half a year, if former deficiencies have been made good and no new ones incurred.

In awarding scholarships preference is given to regular candi-

dates for a degree, and to those who expect to finish their course in Parsons College.

Applications for scholarships must be made on the blank forms provided by the Scholarship Committee.

Students of the College should make out their applications in June or December of each year. Prospective students should file their applications as early as possible, accompanied by the testimonials indicated in the blank forms.

Communications concerning scholarships should be addressed to the President.

The following scholarships have been endowed in whole or in part and are administered as Student Loan and Service Scholarships described above:

The Jonathan Cable Scholarship (memorial), founded by Sarah E. Cable, Danville, Iowa.

The John A. Colwell Scholarship, founded by John A. Colwell, Kittanning, Pennsylvania.

The John A. Swan Scholarship, number one, founded by John A. Swan, Morning Sun, Iowa.

The John A. Swan Scholarship, number two, founded by John A. Swan, Morning Sun, Iowa.

The McClure Scholarship, founded by Mr. and Mrs. I. N. McClure, Mediapolis, Iowa.

The Ida B. and Ella May King Scholarship (memorial), founded by Mr. and Mrs. Z. N. King, St. Paul, Minnesota.

The James G. Wilson Scholarship, founded by James G. Wilson, Streator, Illinois.

The Mary Drewer Miller Scholarship, founded by Mary Drewer Miller, Carlsbad, New Mexico.

The Spencer Grennell Scholarship (memorial), founded by Mrs. Eunice J. Grennell, Keokuk, Iowa.

The S. Breckenridge Scholarship, founded by Mr. S. Breckenridge, Pella, Iowa.

The Henry Corwith Scholarship (memorial), founded by Messrs. John and Frank Corwith, Chicago, Illinois.

The D. T. Newcomb Scholarship of \$2,000, founded by the late Patience V. Newcomb, Davenport, Iowa.

The Viele Scholarship of \$2,000, founded by the late Patience V. Newcomb, Davenport, Iowa.

The Charles O. Parish Scholarship, founded by Mrs. Jennie O. Parish, Clarinda, Iowa.

Terms of Admission

Students are admitted to Parsons College by examination at the College or on the presentation of acceptable certificates of work done elsewhere. Those who present certificates are admitted to provisional standing only, the right being reserved to withdraw, at the end of six weeks, credit for any work which the College record of the student shows to have been unsatisfactorily performed. Certificates must show in detail the amount and character of work done in each subject and should be made out on blanks furnished by the College or on those of the North Central Association of Colleges and Secondary Schools.

In estimating preparatory work a unit represents one study pursued not less than 36 weeks with daily recitations. A year of high school work of four studies a day, therefore, equals 4 units and a full high school course should regularly represent 16 units.

For unconditional admission to the Freshman class, 15 units are required. Students may be admitted to conditional Freshman standing who present not less than 14 units.

The Academy presents every possible facility for completing deficient College preparation.

The specific requirements for admission are arranged in two groups. Every candidate for unconditional admission must offer all the subjects of Group I, amounting to $9\frac{1}{2}$ units, and enough from Group II to make up the total of 15 units. The following table shows the contents of the two groups. The ground to be covered in each subject is stated below:

Group I—Required of All.

English	3	units
Foreign Language (all of which must be in one language).....	2	units
Mathematics 1, 2, 3, 4, 6.....	$2\frac{1}{2}$	units
History 1, 2.....	1	unit
Physics 1, 2.....	1	unit

$9\frac{1}{2}$ units

Group II—Elective.

Any of the subjects described below, not offered by the student under Group I, may be offered as electives to make up the total of 15 units for admission. Other subjects will be accepted only by special vote of the Faculty.

Students who expect to choose their College Major in Greek, Latin, or German, should offer for admission, respectively, 2 units in Greek, 4 units in Latin, or 2 units in German; for, although College classes are maintained in which students who have not taken the work may make up Greek or German, no work of the elementary grade just indicated is allowed to count toward a Major. Students whose preparatory work in Latin has not included both 5-6 and 7-8 will be allowed to enter Freshman Latin on probation if they offer 1-4 with either 5-6 or 7-8.

English. 1-6. The requirement in English is in four divisions, for which a total of 3 units is given. (a) Grammar. (b) Reading: The reading of ten books as prescribed by the North Central Association and the careful study of Shakespeare's *Macbeth*, Milton's *Minor Poems*, Burke's *Speech on Conciliation*, Macaulay's *Life of Johnson*, or equivalents. (c) Composition: Regular and persistent training in both oral and written composition. (d) Rhetoric: The essential principles of rhetoric studied preferably in connection with the work in composition.

7-8. A fourth year of English may be offered if of acceptable character.

Mathematics. 1-2. Algebra: The four fundamental operations, factoring, highest common factor and least common multiple, fractions, equations of the first degree containing one or more unknown quantities, radicals, involution and evolution.

3-4. Plane Geometry: Including the solution of original exercises.

5. Solid Geometry.

6. Advanced Algebra: Quadratic equations, theory of exponents, progressions, the binomial theorem. The use of the graph is desirable.

7. Plane Trigonometry: The six fundamental functions and

their relation, the standard formulas, the solution of plane triangles, practical applications to measurements of areas and heights.

8. Advanced Arithmetic.

9. Double Entry Bookkeeping.

Latin. 1-2. Latin Lessons: Grammar and easy reading.

3-4. Caesar: Books I-IV, or two books and an equivalent of two more in selections from other prose writers such as Nepos.

5-6. Cicero: Six orations, preferably the four against Catiline, Archias and the Manilian Law.

7-8. Vergil: The first six books of the Aeneid.

Composition should accompany the work named above in each year.

Greek. 1-2. Beginning Greek: Grammar and easy reading, Xenophon's Anabasis, Book I, writing Greek.

3-4. Xenophon's Anabasis, Books II-IV.

Composition and Hellenica, I-II, or equivalent.

German. 1-2. Beginning German: Rudiments of grammar, easy exercises, the reading of 50 to 100 pages of graduated text.

3-4. Second Year German: The reading of 150 to 200 pages of easy stories and plays, continued drill on essentials of grammar.

History. 1-2. Ancient History with special reference to the history of Greece and Rome, but including also a study of the other ancient nations, and of the chief events of early mediaeval history down to the time of Charlemagne.

5-6. English History.

7-8. American History or American History and Civil Government.

Physics. 1-2. Elementary work, consisting of text books, lecture, demonstration, and laboratory practice. The laboratory work should constitute not less than one-fourth of the whole course.

Chemistry. 1-2. Elementary Chemistry.

Zoology. 1-2. Elementary Zoology. Not less than half the time of the class should be spent in laboratory work. If less

than 32 weeks with suitable laboratory work is given to the subject it will receive not to exceed $\frac{1}{2}$ unit.

Physiology. 1. Human Physiology.

Botany. 1-2. Elementary Botany. Not less than half the time of the class should be spent in laboratory work. If less than 32 week with suitable laboratory work is given to the subject it will receive not to exceed $\frac{1}{2}$ unit.



SYNOPSIS OF COURSES.

	ANCIENT LANGUAGES	MODERN LANGUAGES	SCIENCE
FRESHMAN	Latin or Greek. Bible 1, 2. English 1, 2. Mathematics 1, 2. 1 Elective. (Latin, Greek, or German.)	German 1, 2. Bible 1, 2. English 1, 2. Mathematics 1, 2. 1 Elective. (Chemistry, Biology, Physics.)	Chemistry or Biology. Bible 1, 2. English 1, 2. Mathematics 1, 2. A Language.

MAJOR GROUPS.

	ANCIENT LANGUAGES	MODERN LANGUAGES	ENGLISH	HISTORY & POL. ECONOMY	MATHEMATICS, PHYSICS	CHEMISTRY	BIOLOGY	PHILOSOPHY
SOPHOMORE	Latin or Greek. Bible 3, 4. A Science. English or *History. German or Mathematics.	German 3, 4. Bible 3, 4. History 1, 2. 2 Electives. (Mathematics, Science, French, English.)	English 3, 4. Bible 3, 4. History 1, 2. A Language. Mathematics or Science.	History 1, 2. Bible 3, 4. Modern Language. 2 Electives. (Mathematics, Latin, English, Science, French.)	Mathematics. Bible 3, 4. Physics. A Language. English or History.	Chemistry. Bible 3, 4. A Language. Biology, Physiology, or Mathematics, English, or History.	Biology. Bible 3, 4. A Language. Chemistry, Physics, or Mathematics, English, or History.	
JUNIOR	Greek or Latin. Bible 5, 6. Psychology. 2 Electives. (Education, German, English, French, Mathematics, Astronomy, Science, Political Economy, History, Philosophy.)	German. Bible 5, 6. Psychology 1, 2. 2 Electives. (Education, French, English, Philosophy, Mathematics, Astronomy, History, Science, Political Economy.)	English. Bible 5, 6. Psychology 1, 2. 2 Electives. (Education, German, Philosophy, French, Mathematics, Astronomy, History, Science, Political Economy.)	History or Political Economy. Bible 5, 6. Psychology. 2 Electives. (Education, French, German, English, Mathematics, Astronomy, Science, Philosophy.)	Mathematics or Physics. Bible 5, 6. Psychology. 2 Electives. (Education, History, German, French, Astronomy, Political Economy, English, Science, Philosophy.)	Chemistry. Bible 5, 6. Psychology. 2 Electives. (Education, German, History, Mathematics, Astronomy, Political Economy, French, English, Science, Philosophy.)	Biology. Bible 5, 6. Psychology. 2 Electives. (Education, German, History, Political Economy, Mathematics, Astronomy, French, Science, English, Philosophy.)	Philosophy 1, 2. Bible 5, 6. Philosophy 3, 4. 2 Electives. (Education, German, English, French, Mathematics, Science, Political Economy.)
SENIOR	Greek or Latin. Bible 7, 8. 3 Electives. Thesis.	German. Bible 7, 8. 3 Electives. Thesis.	English. Bible 7, 8. 3 Electives. Thesis.	History or Political Economy. Bible 7, 8. 3 Electives. Thesis.	Mathematics or Physics. Bible 7, 8. 3 Electives. Thesis.	Chemistry. Bible 7, 8. 3 Electives. Thesis.	Biology. Bible 7, 8. 3 Electives. Thesis.	Philosophy 5, 6. Bible 7, 8. 3 Electives. Thesis.

*History 1, 2. must be taken by all students in Sophomore or Junior years.
Thesis is required in Senior year in department in which Major work is done.

N. B.—A beginning Language and English 1, 2. may not be counted toward a Major.

The College Course

The departments of instruction in the College are arranged in the following groups:

- I. Foreign languages.
- II. Philosophy, English, History and the Social Sciences.
- III. Mathematics and the Physical and Natural Sciences.

I	II	III
Greek	Philosophy	Physics
Latin	English	Chemistry
German	Education	Biology
French	Political Sciences	Geology
	Social Science	Mathematics
	Biblical Literature	Astronomy
	History	

The work a student offers in satisfaction of the requirements for graduation must be chosen from these groups and must be so arranged that within the first two years he shall have taken work in each of these general fields, and before the close of the course he shall have done work of advanced grade in some chosen department. To secure this result the following regulations have been devised:

Each candidate for a bachelor's degree is required to complete a course, consisting of a minimum of 120 semester hours, in addition to physical culture, carrying regularly four studies and Bible throughout a course of four years. Less than four studies and Bible will be allowed only by special vote of the Faculty. Class officers may grant five courses and Bible to students who receive no grade below 80 the preceding semester, or whose grade would average 85, with not more than one grade below 80, and no grade below 70.

The semester hour consists of one recitation, lecture or laboratory period a week for one semester. Thus, a course which meets three times a week is reckoned three semester hours for a semester, six a year.

The following specific requirements are made of all students:

Freshman Mathematics.

Freshman English.

One hour of Bible throughout the College course.

One year of History before the end of the Junior year.

One year of Laboratory Science before the Junior year.

Two semesters' work in Philosophy.

Physical Education in Freshman and Sophomore years.

Freshmen and Sophomores. The student must so arrange his work that by the close of the Sophomore year he shall have taken at least twelve semester hours in the studies of each of the above groups.

Juniors and Seniors. The student must so arrange his work in the Junior and Senior years that at graduation he shall be able to present a Major (consisting of not less than six semesters' work) in some department or approved combination of departments, the work to be of a grade of advancement acceptable to each department as Major work. A statement of such courses as are regarded as too elementary to count toward a Major will be found under the description of work in the various departments which offer such courses.

DEGREES.

The Degree of Bachelor of Arts will be granted to a student who majors in any subject in Groups I or II or in Mathematics, provided the candidate has had at least four years of work in ancient languages, of which work at least two years shall be of college grade.

The degree of Bachelor of Science will be granted to a student whose major is in Physics, Chemistry, or Biology.

The degree of Bachelor of Philosophy will be granted to a student whose major is in any subject in Groups I or II or in Mathematics, but who does not meet the ancient language requirement for the Bachelor of Arts degree.

In brief summary, each candidate for the Bachelor's Degree must complete a four years' course, each year carrying four studies and Bible, the whole amounting to a minimum of 120 hours, taking certain prescribed courses as stated above. Within the first two years he must take at least twelve hours in each group, and by graduation complete a Major (at least 6 semester courses) in some one department.

Departments of Instruction

ASTRONOMY.

PROFESSOR WATSON.

1 and 2. General Course.

This is mainly a course in Descriptive Astronomy. It aims to supply a general knowledge of the more important facts and underlying principles of Astronomy, and some acquaintance with the methods of arriving at the facts. Recitations and lectures are supplemented by observations of the heavens and studies in the location of the principal stars and constellations, and some use of the telescope. Open to students who have completed Freshman mathematics.

Text-book: Moulton's Introduction to Astronomy.

Three hours weekly, throughout the year.

BIBLE.

MISS McELROY.

1 and 2. Old Testament.

This course is intended to bring out the Divine purpose as revealed in the early life of the race and more especially in the history and development of the Hebrew nation. There will be a careful study of the promises of the Messiah and the expectation of the Israelites concerning Him. The period between the Old and New Testaments will be reviewed. Required of Freshmen.

One hour weekly, throughout the year.

3 and 4. New Testament.

The purpose of this course is to bring vividly before the student the Life of Jesus as the promised One—to study the wonderful blending of the Divine and human in his person, and to

so grasp the purpose of His life as to come into sympathetic co-operation with Him in His plans. Required of Sophomores.

One hour weekly, throughout the year.

5. Apostolic History.

During this semester the work of the Holy Spirit as revealed in the organization of the Church will be studied, the training and dispersion of the Apostles and the development of the truth. This brings in the early life and work of Paul, with the growth of the Missionary idea. Required of Juniors.

One hour weekly, first semester.

6. Organized Christianity.

This course consists of a careful study of the life of the Apostle Paul, as recorded in the later portions of the book of Acts and the Epistles. The aim will be to trace the gradual crystallizing of Divine truth under the guidance of his master mind. Required of Juniors.

One hour weekly, second semester.

7. Comparative Religion.

The aim of this course is to secure a knowledge of the ethnic religions and through comparison to discover the transcendent beauty and value of Christianity. Required of Seniors.

One hour weekly, first semester.

8. Christian Evidences.

A study of the reasonableness of the Christian religion as shown by the evidences at command. What Christianity is and does in comparison with other systems; the refutation of skeptical objections; the authenticity and genuineness of the Gospels, and the evidence of Christian experience are investigated. Required of Seniors.

One hour weekly, second semester.

9. Christian Missions.

This course is intended for those who have taken the earlier courses and who desire to follow the progress of Christianity, as the Church has carried out the commission of Christ.

One hour weekly, first semester.

BIOLOGY.

PROFESSOR CARTER.

MR. DAVIS.

1 and 2. General Biology.

Introduction to both Botany and Zoology, and required as a preliminary to all advanced work in either department. This course aims to give such knowledge of fundamental principles concerning the activities of living things as to furnish a basis for more advanced work in Animal Husbandry, Physiology, or special Zoological or Botanical subjects. Its place as a preparation for medical studies is generally recognized. This course is of special service in a scheme in general culture, since it gives a foundation for a comprehension of the increasing current literature relating to plant and animal life, and of the relations of plants and animals to mankind. Furthermore this particular course offers an opportunity for students to obtain an insight into the processes of living matter. It is its purpose to give a survey of the activities of living things so that they may be appreciated in their bearing upon other fields of knowledge. This course is considered a desirable antecedent to the courses in Sociology, Psychology, and Philosophy.

Laboratory work, lectures, recitations.

Four hours weekly, throughout the year.

4. General Botany.

A general course with considerable attention to systematic botany.

Text-books: Atkinson's College Botany; Gray's Manual.

Four hours weekly, second semester.

5 and 6. Vertebrate Anatomy.

A number of representative vertebrates are carefully dissected in order to give the student a first-hand knowledge of the morphology of the vertebrates and at the same time careful practice in anatomical technique. In the lectures and recitations the classification of the vertebrates and the comparative morphology of the various organ systems are discussed. The course is de-

signed especially for students preparing for Medicine or for advanced work in Anatomy and Zoology.

Recitations, lectures, and laboratory.

Four hours weekly, throughout the year.

Offered in 1914-1915.

7. Bacteriology.

A general course in the study of bacteria. The preparation of culture media, the growth of typical forms and their microscopic study are included. The relations of bacteria to the home, the farm and to medical science are considered. The student makes stained preparations of each organism studied. Prospective medical students give especial attention to pathogenic forms.

Lectures and laboratory work.

Text-book: Jordan.

Four hours weekly, first semester.

Not offered in 1914-1915.

15. Elementary Entomology.

Lectures and laboratory work illustrating the structure and classification of insects with a study of the life history of one or more representatives of each of the principal orders. Emphasis is laid upon the economic relations of this group.

Lectures, recitations and laboratory.

Four hours weekly.

11 and 12. Histology.

Methods of fixing, imbedding, cutting, staining and mounting of tissues for microscopic study.

Three hours weekly

Offered in 1914-1915.

CHEMISTRY.

PROFESSOR McKENZIE.

Student Assistants, Mr. Griffith, Mr. Julian.

Chemistry 1 and 2. Elementary Inorganic Chemistry.

This course covers the general field of Elementary Chemistry. The subject is presented by lectures with illustrated experiments and by recitations. The students are required to perform most of the experiments in the laboratory, keeping notes on their work.

1. During the first semester the fundamental principles of the theory of Chemistry and the properties and reactions of the non-metallic elements and their simpler compounds are studied.

2. The work of the second semester includes a study of the properties and methods of preparation of the common metals and their simpler compounds. Work in photography, electrolysis and with the spectroscope is also included.

Text-books: McPherson and Henderson's Elementary Study of Chemistry, and Exercises in Chemistry, or one of that grade to be announced later.

Four hours weekly, throughout the year.

3 and 4. Advanced Inorganic Chemistry and Qualitative Analysis.

This course is designed to give a more thorough knowledge of the modern theories of chemistry, of their development and of their application to the analytical work in the laboratory and in manufacturing. The subject is presented by lectures, recitations and assigned readings. The laboratory work includes some quantitative experiments on the combining ratios of the elements and molecular weight determinations, followed by qualitative analysis.

Text-books: Alexander Smith's General Inorganic Chemistry; W. A. Noyes' Qualitative Analysis.

Open to students who have completed course 1 and 2. A knowledge of Physics at least equal to that given in Physics A and B is required.

Four hours weekly, throughout the year.

5 and 6. Organic Chemistry.

This course gives a general survey of the simpler compounds of carbon, their structure and chemical behavior. It familiarizes the students with the methods of work in the organic laboratory in the preparation and study of the physical and chemical properties of organic compounds. It gives the facts and shows how the theories which have led to the modern conception of Chemistry were developed.

Text-books: Ira Remsen's Organic Chemistry, W. R. Orndoff's

A Laboratory Manual. References will be assigned to other standard works.

Prerequisite: Chemistry 1 and 2.

Four hours weekly, throughout the year.

Note—Courses 3 and 4 and 5 and 6 are necessary for students expecting to enter the best medical schools.

7 and 8. Applied Chemistry and Quantitative Analysis.

The principles underlying the methods of gravimetric analysis and of the preparation and standardization of Volumetric Solutions are taken up and mastered. A few standard gravimetric and volumetric determinations are made and then their application to the analysis of a few substances undertaken. These include such determinations as the strength of vinegar, and of baking powders, hardness of water, alcohol in fermented liquors, milk analysis, etc. The quantitative determinations are accompanied by qualitative tests for the identification and for presence of impurities.

Text-books: Olsen Quantitative Analysis, supplemented by Olsen Pure Foods; Allyn Elementary Applied Chemistry and assigned reading.

Prerequisite: Chemistry 1 and 2.

One recitation and three laboratory periods weekly, throughout the year.

Courses in advance of Courses 1 and 2 are usually given in alternate years. For details see the head of this department.

EDUCATION.

PROFESSOR BUFFUM.

1 and 2. History of Education.

This course takes up the educational spirit, ideals, and practice of the different nations of ancient, mediaeval, and modern times, with special stress on their influence on education of the present. Monroe's Text-book in the History of Education is used as the central text, supplemented by library readings and special reports on topics assigned.

Elective for Juniors.

Three hours weekly, throughout the year.

3 and 4. Principles of Education.

In this course a scientific study of education as based on recent biological, psychological, and sociological thought is carried on. Education as a process of adjustment is emphasized. Bolton's *Principles of Education* is used as a text, and a general use made of library material to supplement it.

Elective for Seniors.

Three hours weekly, throughout the year.

5. School Management and Hygiene.

A consideration of the actual problems of classroom management and the art of teaching is followed by several weeks' study of the important features of school hygiene. Bagley's *Classroom Management* and Shaw's *School Hygiene* are used as texts. This course and Course 6 constitute a year's work intended primarily for Freshmen.

Three hours weekly, first semester.

6. General and Special Methods.

After a study of the fundamental principles underlying the proper teaching of all studies, special methods of teaching specific branches are considered. McMurry's texts form the basis for this course, accompanied by readings from the best authorities in the teaching of different subjects.

Three hours weekly, second semester.

7 and 8. Senior Seminar.

This course is intended for a study of special topics relating to education as now carried on in the United States and foreign countries. Theses and other original studies are worked out, and an attempt is made to keep in touch with developments in contemporaneous educational thought. While intended primarily for Seniors, this course is also open to Juniors.

Two hours weekly, first semester. The course will be repeated the second semester if called for.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR HEDGES.

1 and 2. Freshman English.

This course has a two-fold aim—the acquirement of the power to speak and write correctly, and the development of an intelligent appreciation of the best poetry and prose.

During the first semester the numerous themes which are required are in general expository or persuasive in character. Oral composition and class debates upon questions of collegiate interest are also an important part of the work.

The work of the second semester combines practice in narrative and descriptive writing with an historical outline of English poetry from Beowulf to Milton.

To recitations and classroom criticism are added occasional conferences between instructor and individual student.

Text-books: Slater's Freshman Rhetoric, Woolley's Handbook of Composition, and Linn's Illustrative Examples of English Composition.

Three hours weekly, throughout the year.

3 and 4. Representative Writers of the Nineteenth Century.

The study of a selected group of poets and prose writers with especial emphasis upon the personality and social and ethical message of each. During the first semester Wordsworth, Coleridge, Scott, Keats, Shelley, Lamb, DeQuincey and Carlyle are taken up; Tennyson, Browning, Ruskin, Pater, and Stevenson the second semester.

Lectures, recitations and special topics both oral and written.

Prerequisite: English 1 and 2.

Three hours weekly, throughout the year.

5. Development of the Drama.

After a brief, introductory study of the Greek theater, the course traces the evolution of the drama from the early liturgical play to the play of modern times. During the closing weeks of the semester, each student is required to read five plays from a list of eighteenth century and present day drama. In 1914-15 the plays suggested include *She Stoops to Conquer*, *The Rivals*, *The*

Doll's House, The Blue Bird, The Scare Crow, The Melting Pot, Chantecler, and Everywoman.

Lectures, recitations, special reports. Open to Juniors and Seniors.

Prerequisite: English 3 and 4.

Three hours weekly, first semester.

6. Shakespeare.

The study of Shakespeare, not only as a world genius, but also as a successful playwright of the Elizabethan age. Careful study of Hamlet, Twelfth Night, Richard III, and The Tempest for a mastery of the vocabulary and life of the time. More rapid reading of additional plays.

Three hours weekly, second semester.

7. The English Novel.

A course in the English novel with intensive study of typical novels by Jane Austen, George Eliot, Thackeray, Scott, Dickens, Meredith, Hardy and others.

Open to Juniors and Seniors.

Prerequisite: English 3 and 4.

Two hours weekly, first semester.

8. Advanced Writing.

This course will include practice in writing the short story, the essay and the principal forms of English verse, with study of models. There will be much criticism from the magazine standpoint.

Open to Juniors and Seniors; to Sophomores upon permission of the instructor.

Two hours weekly, second semester.

9. Argumentation.

A course in the study of argumentation and in the practice of debating. One hour a week will be given to text-book and lecture work. The other hour will be given each week to practical debating.

Two hours weekly, first semester.

10. The Rhetoric of Oratory.

A course in theory with practical work in the writing of orations. Also a reading course in the masterpieces of oratory.

Two hours weekly, second semester.

GEOLOGY.

PROFESSOR CARTER.

1 and 2. General Geology.

1. Dynamic and Structural Geology. The geological forces and the work they accomplish, and a study of the original and secondary structures of rocks.

2. Physiographical and Historical Geology with special reference to the North American continent, and a study of the evolution of land, and of life forms from the oldest geological records down to the present time.

Text-book: Chamberlain and Salisbury.

Elective for Juniors and Seniors.

Three hours weekly, throughout the year.

Offered in 1914-1915.

GERMAN.

PROFESSOR WIRTZ.

1 and 2. Elementary German.

This course includes the essentials of German grammar, the reading of selections in prose and verse, German conversation and composition. It is open only to students who have presented two full units in foreign languages. No credit will be given unless the whole course is completed.

Five hours weekly, throughout the year.

3 and 4. Intermediate German.

Modern prose writers, Storm, Freytag, Seidel, Ernst, etc.; German lyrics and ballads, Lessing's *Minna von Barnhelm*, Schiller's *Wilhelm Tell*. Open to students who have completed course 1 and 2, or its equivalent.

Four hours weekly, throughout the year.

5 and 6. The Classical Period.

This course will include the critical study of representative works of Lessing, Goethe, and Schiller; lectures, outside readings, and reports. Open to students who have completed courses 1-4, or their equivalents.

Three hours weekly, throughout the year.

7 and 8. The 19th Century.

Two courses in the literature of this period will be given in alternate years. The course will present an outline of German life in the 19th century as reflected in the German novel and short story; the second course will take up the drama of this period exclusive of the works of Goethe and Schiller. Open to students who have completed courses 1-4, or their equivalents.

Three hours weekly, throughout the year.

A Major in German consists of three years' work, not including courses 1 and 2.

GREEK.

PROFESSOR JOHNSON.

.....Assistant.

1 and 2. Beginners' Course for Freshmen.

This course is open to students who wish to begin the study of Greek in college.

During the first semester the forms of the language are covered as rapidly as possible. After the completion of this study in the second semester as much of Xenophon will be read as the time will permit.

College credit will be given for this course.

Five hours weekly, throughout the year.

3. Homer: Selections from the Iliad and Odyssey.

Some attention will be given to the Homeric Syntax and other Homeric questions. But principally these poems will be studied as types of national epics.

Four hours weekly, first semester.

4. Greek Drama.

A play each of Sophocles, Euripides and Aristophanes will be read. These plays will be interpreted as types of Greek literary art. Some attention also will be given to the origin and place of the drama in Greek life and to the standing of each author in Greek literary history.

Four hours weekly, second semester.

5 and 6. Greek Testament.

If called for this course will be given one hour weekly. It may be taken either one semester or throughout the year.

HISTORY.

PROFESSOR HILDRETH.

1. Mediaeval Europe.

A study of the Dark Ages, the Migrations, the growth of the Papacy, Monasticism, Mohammedanism, Feudalism, the Crusades, beginnings of national consciousness, rise of the Free Cities, the Renaissance. This is an introductory course and will be taken before other college work in History.

Text-book, lectures, readings, and reports.

Required of Sophomores in all courses; cannot be taken after the Junior year.

Three hours weekly, first semester.

2. Modern Europe.

A survey of European history since the close of the Middle Age. The inception and development of the new Europe, with some consideration of the great movements which have characterized it. A continuation of History 1.

Text-book, lectures, readings, and reports.

Prerequisite: History 1.

Required of Sophomores in all courses; cannot be taken after the Junior year.

Three hours weekly, second semester.

3 and 4. History of the English People.

The rise and development of the English nation, especially along political and social lines. The beginning and unfolding of its institutions is traced and an endeavor made to bring out strongly the human element, making the life of the nation real, something more than a succession of events, dates, or dynasties. Particular study will be devoted to the England of the sixteenth and succeeding centuries. Constant reference is made to sources and original documents.

Recitations and readings.

Text-book: History of England (college edition) Terry.

Prerequisite: History 1 and 2.

Elective for Juniors.

Three hours weekly, throughout the year.

5. The Protestant Revolt.

A rapid outline study of the time of the Reformation, its historical setting, the causes which produced it, its distinguishing characteristics, political and social, as well as religious, its influence upon modern thought and life, with some account of its notable figures. Designed to furnish a general outline of the period.

Lectures and text-book.

Prerequisite: History 1 and 2.

Elective for Seniors.

Three hours weekly, first semester.

6. History of the Intellectual Life of Europe.

More particularly from the thirteenth to the eighteenth centuries. The aim of this course is to sketch the background of intellectual history, the transmission of Greek and Roman culture through the Middle Ages and to bring out as clearly as possible the progress of thought and the changing mental conceptions of the centuries as illustrated by certain representative types from about the time of Roger Bacon and the beginnings of modern experimental science, considering among others, Marsiglio of Padua, Dante, the Humanists from Petrarch to Erasmus, astrology, witchcraft, the genesis of the spirit of progress, the Encyclopaedists, etc.

Lectures, assigned readings and discussions.

Prerequisite: History 1 and 2.

Elective for Seniors.

Three hours weekly, second semester.

7. History of the United States.

A course taking up the consideration of national beginnings at the close of the Revolution and subsequent development down to the opening of the Civil War.

Text-book, readings and lectures.

Prerequisite: History 3.

Elective for Juniors and Seniors.

Three hours weekly, first semester.

This course will be given in 1914-15 if a suitable hour can be arranged for it.

8. History of the United States.

A continuation of course 7, covering the period from the Civil War to the present year. Particular attention will be given to the movements, social and economic, of recent years.

Text-book, readings and lectures.

Prerequisite: History 7.

Elective for Juniors and Seniors.

Three hours weekly, second semester.

This course will be given in 1914-15 if a suitable hour can be arranged for it.

LATIN.

PROFESSOR JOHNSON.

1x. Sub-Freshman Latin.

For students who have had only two years of Latin in High school and wish to resume its study the following course is offered:

Selections from Sallust and Cicero will be read during the first semester, especial attention being given to the structure of the language.

Four hours weekly, first semester.

2x.

Selections from all the books of Vergil's Aeneid will form the work of the second semester. Here the aim will be literary rather than linguistic.

Four hours weekly, second semester.

N. B. Courses 1x and 2x will receive college credit, but will not be counted toward a Major in Latin.

1. Livy.

Books I, XXI, and XXII are read. Constant practice in sight reading is given. Some attention is given to Livy's style and his place in Latin literature. Purely grammatical questions are made secondary to the acquisition of the power to read Latin rapidly and accurately.

Text-book: Greenough and Peck's Livy (combined edition).

Four hours weekly, first semester.

2. Cicero and Horace.

After a rapid reading of Cicero's De Senectute, the remainder of the semester is devoted to a careful study of the Satires and Epistles of Horace.

Text-books: Bennett's Cicero, Greenough's Horace.

Four hours weekly, second semester.

3. Horace: Odes and Epodes.

A careful reading and analysis of the principal Odes and Epodes. Occasionally selected Odes will be assigned for a careful translation into metrical English.

Text-book: Smith's Horace (revised edition).

Three hours weekly, first semester.

4. Tacitus and Plautus.

After a rapid reading of Tacitus' Agricola, the remainder of the semester is devoted to the reading of at least two plays of Plautus. The Menaechmi and Captivi are usually read.

Some attention is given to the metres of Plautus and his sources.

Text-books: Hopkins' Tacitus, Fowler's Plautus, Menaechmi.

Three hours weekly, second semester.

5. Studies in Roman Poetry.

The aim of this course will be to acquaint the student with a number of Latin poets in the field of Elegy and Satire.

Text-books: Carter's Roman Elegiac Poets, Wright's Juvenal.

Four hours weekly, first semester.

6. Pliny's Letters.

Pliny's Letters are read for their light upon the Roman life of

their time. Pellison's Roman Life in Pliny's Time is used to supplement the reading of the Letters.

Text-book: Westcott's Pliny's Letters.

Three hours weekly, second semester.

N. B. Courses 3, 4, 5 and 6 are open to students who have previously taken courses 1 and 2, or their equivalents.

7. Latin Grammar: Sounds and Inflections.

This course is open only to students who major in Latin. The work consists of investigations of assigned topics, supplemented by lectures. The ability to read difficult German is a prerequisite.

Text-book: Bennett's Latin Language.

Three hours weekly, first semester.

8. Latin Grammar: Syntax.

After an outline study of the leading topics of Latin Syntax is presented, questions for more careful study will be assigned to members of the class upon which at stated times reports will be called for. Considerable outside reading will be expected.

Text-book: Bennett's Latin Language.

Three hours weekly, second semester.

MATHEMATICS.

PROFESSOR WATSON.

1. Higher Algebra and Plane Trigonometry.

Beginning with a rapid view of radicals and quadratic equations, the work embraces proportion, variation, the progressions, permutations and combinations, indeterminate coefficients, partial fractions, binomial theorem, series, method of differences, logarithms, imaginaries, and a brief course in determinants and the theory of equations. The last four weeks of the semester will be devoted to plane trigonometry.

Required of Freshmen.

Text-book: Downey's Higher Algebra.

Four hours weekly, first semester.

2. Plane Trigonometry and Introduction to Analytic Geometry.

Attention is given to the analytical theory of the trigonometric

functions, the development of the general formulae, the solution of the triangles and practice in the use of logarithmic tables. In Analytic Geometry the endeavor is to acquaint the student with the general methods by which analysis is applied to geometrical problems. The work includes the construction and discussion of the loci of equations, the geometry of the straight line, the circle and the conic sections. About one-third of the semester is devoted to Trigonometry, the remainder being given to Analytic Geometry.

Required of Freshmen.

Text-books: Granville's Plane Trigonometry and Tables; Bailey and Woods' Analytic Geometry.

Four hours weekly, second semester.

3. Differential Calculus.

Numbers, variables and functions, the theory of limits, general principles and formulae of differentiation, together with numerous applications to geometry and mechanics, successive differentiation, the development of functions in series, maxima and minima.

Text-book: Granville's Differential and Integral Calculus.

Four hours weekly, first semester.

4. Integral Calculus.

This is a continuation of Course 3. The general principles and formulae of integration are developed and applied to such problems of geometry as the rectification of curves, determination of areas, volumes, etc., centers of gravity, moments of inertia, etc.

Text-book: Granville's Calculus.

Four hours weekly, second semester.

5. Advanced Calculus.

This course treats such topics as partial derivatives, Taylor's Theorem for functions of several variables, singular points, envelopes, involutes and evolutes, etc., definite integrals, improper integrals, line integrals, Green's Theorem, Fourier's Series, etc.

References to Byerly, Williamson, Todhunter and other authors.

Four hours weekly, first semester.

6. Differential Equations.

The endeavor is to make this course practical, rather than the-

oretical. A large number of examples are solved, and numerous applications are made to problems of physics and mechanics.

Text-book: Murray's Introductory Course in Differential Equations. Reference to Cohen, Johnson and Forsythe.

Three hours weekly, second semester.

7. Theoretical Mechanics.

This course deals with the general principles of dynamics, the laws of motion, statics, the dynamics of a particle and of rigid bodies.

Text-book: Wright's Elements of Mechanics.

Three hours weekly, first semester.

8. Algebraic Analysis.

This course treats the subjects of determinants, the theory of equations and the elements of the theory of functions of a real variable. It is given by lectures and special reports. The attempt is made to introduce the student to a somewhat broad range of mathematical literature. Ability to read German or French is desirable, although not necessary for this course.

Three hours weekly, second semester.

9. History and Pedagogy of Mathematics.

The first one-half of the semester will be devoted to the history of the development of elementary mathematics by the Egyptians, Hindoos, Greeks, Arabs, Romans, and modern European nations. The course will consist of lectures and reports on assigned topics. The second one-half of the semester will be devoted to the study of the Pedagogy of Mathematics. Young's Teaching of Mathematics will be used as a text in connection with lectures and reports on assigned readings.

Three hours weekly, first semester.

10. Elementary Analysis.

This course is planned for those persons who wish some mathematical training beyond that of Freshman rank, but have not taken Calculus, or wish additional work in Analytic Geometry and Calculus with numerous applications. Emphasis will be laid on the graph and graphic solutions.

Text-book: Smith and Granville's Elementary Analysis.

Three hours weekly, second semester.

PHILOSOPHY.

PROFESSOR BUFFUM.

1 and 2. Psychology.

This is an introductory course in general psychology. Through the study of a text-book, demonstrations, library references, and experiments performed by students, the principles of mental life and development are studied. Thorndike's *Elements of Psychology* and Seashore's *Experimental Psychology* are used as basic texts.

Elective for Juniors.

Three hours weekly, throughout the year.

3. Logic.

This course takes up induction, deduction, and the general nature of thought. Especial attention is given to fallacies and the means of detecting them. Creighton's *Introductory Logic* is used as a text and Lafleur's *Illustrations of Logic* as a chief source of illustrative material.

This course is open to Juniors and Seniors.

Three hours weekly, first semester.

4. Ethics.

After a consideration of the nature and methods of ethics, a study is made of the theories of conscience, teleology, hedonism, energism, character, and freedom. These views are studied especially as applicable to present social conditions and in the light of present day psychologic thought. Thilly's *Introduction to Ethics* is the central text-book used.

This course is open to Juniors and Seniors.

Three hours weekly, second semester.

5 and 6. Philosophy.

A brief study of the history of philosophic thought and theories is followed by a somewhat more intensive consideration of some of the problems of philosophy. The method followed includes text-book work, lectures, special readings and reports, and discussions.

Elective for Seniors.

Three hours weekly, throughout the year.

PHYSICAL EDUCATION.

MR. BROWN.

MISS FOELKER.

Physical training is required of all students whose college rank is below that of the Junior class. Students on entering College may have their physical measurements taken. Special corrective exercises and advice concerning participation in athletic games will be given in cases where it is needed.

The following table will show the emphasis on work in this department at different periods in the year.

Fall	Winter	Spring
Field Work	Gymnasium Exercises	Field Work
a. Football	a. General Calisthenics	a. Track Work
b. Track Work	Light Apparatus Work	b. Baseball
c. Tennis	b. Indoor Track Work	c. Tennis
	c. Basketball	
	d. Early Baseball Practice	

1. Required Course for Women.

General gymnasium work and games Tuesdays and Thursdays, throughout the year.

a. Emerson Exercises; corrective and recreative exercises, including fancy steps, clubs, wands, dumbbells, and games.

b. Special Classes in Gilbert rhythmic work and national Folk Dances; Fencing.

c. Health Culture. The results sought in this course are health, natural poise, ease in standing, walking, mounting stairs, and all necessary daily acts.

Courses a and b are required. Class instruction in Physical Education is free to all women enrolled in the college; required of all during Freshman and Sophomore years.

TUITION.

Physical Education (in class) Course a.....	\$ 5.00
Physical Education, Courses b and c, per term of twelve weeks, two lessons each week.....	5.00
Private Instruction in Physical Education, per term of twelve weeks, two lessons per week.....	18.00

2. Required Course for Men.

General gymnasium work, Wednesdays and Saturdays; indoor track work, Mondays and Fridays; basketball and indoor baseball at appointed hours.

A new gymnasium with a free floor space, ninety-five feet by fifty, and completely equipped with running track, modern gymnastic apparatus and baths, affords unsurpassed facilities for conducting the indoor work of this department. For outdoor exercises the Alumni Athletic Field provides an exceptionally good and perfectly drained baseball diamond, a football gridiron, several tennis courts and a quarter-mile cinder track sixteen feet in width.

PHYSICS.

PROFESSOR McKENZIE.

Student Assistants, Mr. Taylor, Mr. Slater.

3 and 4. General Physics.

Throughout the year.

3. Mechanics, Sound, and Heat. The laws of pure motion, of matter in motion and the properties of matter are studied. This is followed by a study of sound and heat. The subject is presented by lectures, following the work of the text-book, with experiments illustrating the principles considered, by recitations on the lectures and text-book, and by laboratory work.

Readings on selected topics will be assigned.

Text-books: Kimball's College Physics and Ames and Bliss's Manual of Experiments in Physics.

Two class room and two laboratory periods weekly, first semester.

4. Electricity, Magnetism and Light. This is a continuation of course 3. Special attention is given to the fundamental laws of Magnetism, and Electricity, and Light, and to their practical applications. A working knowledge of algebra, geometry and trigonometry is required for course 3 and 4.

Text-books: Same as in course 3.

Two recitations and two laboratory periods weekly, second semester.

5 and 6. Practical Electricity.

The aim of this course is to familiarize the student with the historic development of dynamic electricity from Oersted's discovery to the present day. It gives the student an appreciation of the way the great scientific principles in this field have been worked out and applied step by step in perfecting the electrical machines and how these principles have been adapted to the uses of our every day life. With this aim the mathematical treatment is used only so far as necessary to give a clear understanding of the fundamental principles of the dynamo and motor, the transformer and of the conservation of energy involved.

5. Direct Current Machinery and Application. This course presents an opportunity to work with direct current dynamos and motors, and to study their development, construction and use. The application of direct current to electric arc and incandescent lighting, storage batteries and electro-chemistry.

Recitations, assigned reading and laboratory work.

Text-book: Norris' Practical Electricity, with a laboratory manual.

Four hours weekly, first semester.

6. Alternating Current Electricity. During the second semester the development of the use and construction of alternating current machinery and transmission of alternating current will be studied. Included in the subjects studied are single and poly-phase alternators, transformers and their development, alternating current series and synchronous motors, single, two and three-phase induction motors, and the use and transmission of alternating current for power, lighting, and transmission of intelligence.

This course is open to students who have completed course 3 and 4, or to students who, on consultation with the head of the department, show that they have had sufficient preparation in general physics.

The electrical equipment includes a power plant, a 2 H. P. gasoline engine driving direct current and single- and double-phase alternating current dynamos, D. C. motors and A. C. motors, of synchronous, single-phase, two- and three-phase induction motors, standard and commercial volt and ammeters for both D. C. and

A. C., storage batteries, transformers for single phase, and for changing two- to three-phase current arc and incandescent lamps of different voltages and of the latest types of metal filaments, and flaming arc, galvanometers, resistance boxes, bridges, etc.

Four hours weekly, second semester.

A major in Physics and Chemistry may be secured by combining Chemistry 3 and 4 with Physics 3-4 and 5-6.

7. Theoretical Mechanics. Given by Professor Watson.

See under Department of Mathematics.

POLITICAL AND SOCIAL SCIENCE.

PROFESSOR HILDRETH.

1. Introduction to Economics.

A course in the fundamental principles of Economics designed to secure for the student an intelligent understanding of the various economic theories. Attention will also be given to present day conditions, the aim being to make the study not less practical than theoretical, some attention being paid, so far as possible, to monopolies, the various aspects of the trust question, and problems connected with money and banking and international trade.

Text-book, readings and assigned topics for individual study.

This course is elective for Juniors or Seniors only.

Three hours weekly, first semester.

2. Sociology.

The subject is treated broadly, but with sufficient detail to provide a working knowledge of sociology, particular emphasis being placed upon the practical phases of the subject, especially with reference to conditions and problems in this country. The development of social relations is followed by a study of the units of organization and the following topics more particularly discussed, viz: population, both urban and rural, special problems of the city, employment, the present labor system, education, social well-being, charitable relief, criminology, so-called solutions for

social and economic difficulties. The topical method of treatment is largely, although not exclusively, employed.

Text-book, lectures and reports on assigned topics for investigation.

Prerequisite: Economics 1.

This course is elective for Juniors or Seniors only.

Three hours weekly, second semester.

The Academy

Aim.

The special purpose of the Academy is to furnish a thorough preparation to students who wish to take a full collegiate course. To this end the requirements for admission to colleges and universities have been made the basis of the course. At the same time this arrangement gives a practical and thorough high school course to those who do not intend to enter college.

Admission.

Students entering the Academy must be prepared in the Arithmetic, Grammar, Geography, Physiology and United States History usually taught in the grammar grades. Admission to advanced standing may be obtained upon passing satisfactory examinations in the preceding studies of the course, or upon the presentation of credentials showing that the work was thoroughly done elsewhere.

Graduation.

Upon completion of the course of instruction, a certificate of graduation is given. The holder of a certificate is entitled to admission to college.

Religious Exercises.

Daily chapel services, at which all the students are required to be present, are held. Attending divine worship at least once on the Sabbath is also obligatory upon all. Students are allowed to attend whatever church they may indicate at the opening of the years as their preference. There are two Christian Associations in the College, of which most of the Academy students are members.

Literary Societies.

The students of the Academy maintain two flourishing literary societies—Philo and Soronian. The usual programs of such so-

cieties are given weekly. All Academy students are eligible to membership.

Regulations.

Careful records are kept of the attendance and scholarship of students. If a student falls below grade, he is admonished, and if after such admonition, his work still continues unsatisfactory, he is dropped to a lower class.

ENGLISH.

MISS BUCHANAN.

A and B. First Year English.

Rhetoric. The text will be closely followed during the entire year. Especial attention will be given to narration and description. Short weekly themes upon subjects of interest to the pupil will be required. Rhetorical exercises will be required four times each semester.

Classics. The Last of the Mohicans, The Lady of the Lake, The Christmas Carol, The House of the Seven Gables, The Man Without a Country, The Merchant of Venice, The Vision of Sir Launfal.

Reports. Three book reports will be required each semester. Books to be selected from list prepared by the instructor.

Text-book: Herrick and Damon's Rhetoric, revised edition.

C and D. Second Year English.

Rhetoric. The text will be followed the first semester; the work in exposition and argumentation being carefully studied.

Classics. Ivanhoe, Silas Marner, The First Bunker Hill Oration, The Chambered Nautilus, Snow Bound.

Outside Reading: David Copperfield, The Vicar of Wakefield.

Rhetorical exercises will be held three times each semester.

Reports. One book of travel or history, one American novel, and one American poem to be read and reported upon the first semester. One English novel to be reported upon the second semester. An original story of one thousand words and a paraphrase of a poem to be written during the second semester.

Text-book: Herrick and Damon.

E and F. Third Year English.

Composition. Review of narration, description, exposition and argumentation, with especial emphasis on argumentation. One written debate will be required during the first semester.

Classics. Julius Caesar, Sir Roger de Coverly Papers, Macbeth, The Deserted Village, Washington's Farewell Address.

Outside Reading. The Choir Invisible, A Tale of Two Cities, Two Years Before the Mast, Red Rock.

Rhetorical exercises will be held three times each semester.

Reports. Three book reports will be required each semester. Books to be selected from list prepared by the instructor.

Text-book: History of American Literature, Halleck.

G and H. Fourth Year English.

Composition. A review of the principles of rhetoric and composition will be required; emphasis being given to oral composition.

Literature. Essay on Burns, Hamlet, Idylls of the King, Cotter's Saturday Night, Burns, Tales of a Traveler.

Outside reading. The Making of an American, Riis, Old Curiosity Shop, Dickens, Old Creole Days, Cable.

Rhetorical exercises will be held three times each semester.

Reports. Three book reports will be required each semester. Books to be selected from list prepared by the instructor.

A thorough review of English Grammar will be given the second semester.

Text-book: Long's English Literature.

GERMAN.

MRS. WIRTZ.

A and B. Elementary Course.

A. Becker-Rhoades' German Grammar.

B. Grammar continued; Grimm's Maerchen, Strom's Immensee, Heyse's L'Arrabbiata.

The object of this course is to give the student a thorough training in the essentials of German accidence and syntax, and to enable him to read easy German prose with expression. It should

also give him a correct pronunciation and some skill in simple composition.

C and D. Second Year Course.

C. Baumbach's *Frau Holde*; Hildren's *Hoeher als die Kirche*; Freytag's *Die Journalisten*, Wildenbruch's *Der Letzte*; Grammar and Composition.

D. Tales from Hauff; Riehl's *Fluch der Schoenheit*; Arnold's *Fritz auf Ferien*; Schiller's *Jungfrau von Orleans*; Grammar and Composition.

This course is intended to give the student a large and varied vocabulary, and to develop a feeling for the German idiom. One hour a week is given to grammar and composition.

GREEK.

PROFESSOR JOHNSON.

A. First Greek Book.

The time is devoted to a thorough drill in pronunciation according to the written accents, to forms, simple constructions, and the acquirement of a vocabulary. Daily practice is given in the oral and written translations of Greek into English, and of English into Greek.

Text-book: White's *First Greek Book*.

B. Anabasis.

Books I and II are read, accompanied by a review of inflections and a systematic study of syntax.

Text-books: Goodwin's *Anabasis*, and Goodwin's *Greek Grammar*.

C. Xenophon. The Anabasis III-IV.

Review of the verb inflection; word formation; a general study of syntax with Greek composition. Xenophon's life, works, and characteristics as a writer. The expedition of Cyrus—its causes and its effects on Greek and Persian policy. The Greek art of war.

Text-book: Goodwin and White's *Anabasis*.

D. Xenophon: The Memorabilia I-II, or Hellenica.

The critical and grammatical study begun in the first semester will be continued throughout the year.

HISTORY.

MRS. BELL.

MR. BROWN.

A and B. Ancient History.

A review of the eastern nations, followed by a detailed study of the history of the Greeks and Romans. Collateral reading.

Text-book: West's Ancient World.

C and D. Mediaeval and Modern History.

A study of European history from the time of Charlemagne to the present day. Collateral reading.

Text-book: Revised Edition of Myers' Mediaeval and Modern History.

E and F. American History.

From the discovery of the New World onward, especial attention being given to the life of the people. Collateral reading.

Text-book: American History, Muzzey.

LATIN.

MRS. BELL.

A and B. Beginner's Course.

The aim of this course is to give a thorough drill in the fundamentals as a preparation for Caesar.

Text-book Gunnison and Harley's First Year of Latin.

C and D. Caesar.

Four books of Caesar's Gallic War are read, with weekly exercises in composition. In this year the drill on syntax and idiom is constant both in reading and composition.

Text-book: Kelsey and D'Ooge's Caesar's Gallic War.

E and F. Cicero.

Six orations of Cicero are read and in addition the Archias and Marcellus or Manilian Law. In addition to drill on syntax an attempt will be made to show Cicero as an orator and man of letters.

Text-books: Kelsey's Cicero's Orations and D'Ooge's Latin Composition.

G and H. Vergil.

Six books of the Aeneid are read. Constant practice in scanning is given. The Aeneid will be presented as a great national poem and Vergil's influence on Roman and Mediaeval literature will be emphasized.

Text-book: Comstock's Vergil.

Supplementary Readings.

Students should read some or all of the following books in connection with their preparatory Latin work:

First Year: Bullfinch's Age of Fable and Murray's Manual of Mythology.

Second Year: Plutarch's Caesar and Froude's Caesar.

Third Year: Forsyth's Cicero (2 vols.) and Plutarch's Cicero.

Fourth Year: Sellar's Vergil, Tunison's Master Vergil, and Comparetti's Vergil in the Middle Ages.

MATHEMATICS.

MR. BELL.

A and B. Algebra.

This course is pursued the first year and extends through Quadratic Equations. Mastery of elementary processes with accuracy and rapidity is the chief aim. The course will include simple equations, positive and negative numbers, fundamental operations, factoring, fractions, problems in one or more unknowns, quadratic equations.

Text-book: Hawkes, Luby and Touton's First Course in Algebra.

C and D. Plane Geometry.

This course is open to students who have had courses A and B

or their equivalents. The fundamental propositions are demonstrated and discussed, together with frequent exercises in the original demonstration of theorems and the solution of numerical problems.

Text-book: Durrell's Plane and Solid Geometry.

E. Solid Geometry.

Open to students who have had courses C and D or their equivalent. Special attention is given to the application of these theorems to practical problems in mensuration.

Text-book: Durrell's Plane and Solid Geometry.

F. Algebra.

Open to students who have had courses A and B and preferably C, D and E. This is a continuation of courses A and B, and includes additional work in quadratic equations; advanced work in ratio, variation and proportion, exponents and radicals, logarithms and progressions, is pursued.

Text-book: Hawkes, Luby and Touton's Second Course in Algebra.

SCIENCE.

MR. BELL.

A and B. Physical Geography.

Text-book: Gilbert and Brigham's Introduction to Physical Geography.

C and D. Physics.

This course is a combination of recitation and laboratory work, three hours each week being assigned to the former and two hours to the latter. A laboratory fee of two dollars a semester is charged.

THE ACADEMY COURSE.

 First Year.

FIRST SEMESTER.

English A—Composition and American Literature.
 Mathematics A—Algebra.
 Latin A—Grammar and Lessons.
 Science A—Physical Geography.

SECOND SEMESTER.

English B—Composition and American Literature.
 Mathematics B—Algebra.
 Latin B—Grammar and Easy Prose.
 Science B—Physical Geography.

 Second Year.

FIRST SEMESTER.

English C—Composition and American Literature.
 Mathematics C—Plane Geometry.
 Latin C—Caesar and Composition.
 History A—Ancient History.

SECOND SEMESTER.

English D—Composition and American Literature.
 Mathematics D—Plane Geometry.
 Latin D—Caesar and Composition.
 History B—Ancient History.

 Third Year.

FIRST SEMESTER.

English E—Composition and English Literature.	} Choose three.
Mathematics E—Solid Geometry.	
Latin E—Cicero.	
History C—Mediaeval.	
Greek A—Beginning.	
German A—Elementary.	

SECOND SEMESTER.

English F—Composition and English Literature.	}	Choose three.
Mathematics F—Algebra.		
Latin F—Cicero.		
History D—Modern.		
Greek B—Anabasis.		
German B—Elementary.		

Fourth Year.

FIRST SEMESTER.

Science C—Physics.	}	Choose three.
Latin G—Vergil.		
Greek C—Anabasis.		
German C—Readings.		
English G—Composition and English Literature.		
History E—American.		

SECOND SEMESTER.

Science D—Physics.	}	Choose three.
Latin H—Vergil.		
Greek D—Memorabilia.		
German D—Readings.		
English H—Composition and English Literature.		
History F—American.		
Economics B.		
Didactics F.		

All courses in the Academy have five recitation periods each week.

ACADEMY EXPENSES.

(First Semester.)

Tuition	\$10.00
Incidental Fee	5.00
Damage Deposit	1.00
Athletic Fee	4.00
Total	\$20.00

PARSONS COLLEGE

(Second Semester.)

Tuition	\$10.00
Incidental Fee	5.00
Athletic Fee	4.00
Total	\$19.00

In addition to the above expenses, Academy students taking Physics, or Science C, in the Fourth Year Academy class, are required to pay a Laboratory Fee of two dollars each semester.

A fee of one dollar is charged for each registration made two days after the commencement of a semester, or later.

In case of absence from work for half a semester, occasioned by sickness or other unavoidable cause, one-half the tuition for the semester will be refunded. **This applies to tuition only.**

School of Music

The purpose of this school is to prepare those who pursue the study of music as a part of their general education or with the thought of making it their profession, with a technical and theoretical equipment so complete that there will be constant progress for all who faithfully apply the principles taught.

Entrance Requirements.

Students entering the courses leading to the degree of Bachelor of Music, the Soloist's Diploma, or the Teacher's Certificate must meet the College Entrance Requirements as indicated on page 35, and in addition must present two terms of Elementary Harmony. In case the student is deficient in the latter requirement, opportunity will be given for completing this work before the advanced theoretical work is begun. Students may register for studies in Practical Music at any time. Students in the School of Music not registered for regular courses in the College or Academy may pursue studies in either department for which they are qualified and for which they will pay the required tuition as indicated on page 30.

College Credits Allowed for Work in the School of Music.

Students who are candidates for the A. B., B. S., or Ph. B. degrees and at the same time expect to complete the Teacher's or Soloist's courses in music will be allowed twelve credits for the required studies of Harmony I, History of Music II, and Theory and Orchestration III. Some idea may be gained regarding the preparation in practical music for the last two years' work in either of these courses from the fact that for the average student three years will be required to complete the Fourth, Fifth and Sixth grades.

Mus. B. Degree.

The following four years' course for the degree of Bachelor of Music will meet the needs of students desiring to specialize in music and at the same time acquire a college education.

120 credits are required for Mus. B. degree.

The practical studies include Piano, Voice, Violin and Pipe Organ, any one of which may be chosen as the major study. The Piano is required during the Junior and Senior years for students majoring in voice or violin. When majoring in piano the electives are voice, violin, and pipe organ.

FRESHMAN YEAR.

Mathematics (4 times a week).....	8	credits for the year
English (3 times a week).....	6	credits for the year
Language (4 or 5 times a week).....	8 or 10	credits for the year
Bible (once a week).....	2	credits for the year
Harmony (twice a week).....	4	credits for the year
Practical Major (twice a week) 2 hours		
daily practice	6	credits for the year
	34	credits for the year

SOPHOMORE YEAR.

Language (4 or 3 times a week).....	8 or 6	credits for the year
Physics (4 times a week).....	8	credits for the year
Bible (once a week).....	2	credits for the year
Theory and Orchestration (twice a week)	4	credits for the year
History of Music (twice a week).....	4	credits for the year
Practical Major (twice a week) 2 hours		
daily practice	6	credits for the year
	32	credits for the year

JUNIOR YEAR.

Psychology (3 times a week).....	6	credits for the year
History (4 or 3 times a week).....	8 or 6	credits for the year
Bible (twice a week).....	2	credits for the year
Instrumentation and Simple Counterpoint		
(twice a week).....	4	credits for the year
Practical Major (twice a week) 3 hours		
daily practice	9	credits for the year
Practical Minor (twice a week) 1 hour		
daily practice	3	credits for the year
	32	credits for the year

SENIOR YEAR.

Elective (3 or 4 times a week).....	6 or 8	credits for the year
Bible (once a week).....	2	credits for the year
Double Counterpoint—Canon and Fugue (twice a week).....	4	credits for the year
Practical Major (twice a week) 3 hours daily practice	9	credits for the year
Practical Minor (twice a week) 1 hour daily practice	3	credits for the year
Graduation Recital and Thesis.....	4	credits for the year
	28	credits for the year

Soloist's Diploma.

The student who successfully completes the six grades in either Piano, Voice, Violin or Organ, together with the theoretical work required in the Freshman and Sophomore years for the degree of Bachelor of Music and gives a satisfactory public recital will be granted a Soloist's diploma.

Teacher's Certificate.

The student who plays satisfactorily in recital six (6) times during the last two years' study, and who has completed five (5) grades in either Piano, Voice, Violin or Organ together with the theoretical work required in the Sophomore year for the degree of Bachelor of Music will be granted a Teacher's Certificate.

Harmony.

In the work in Harmony students are expected to write original exercises of all the musical examples studied.

Elementary Harmony.

First a thorough acquaintance with the scales, the intervals, and elementary chord formation is obtained. The chords of the seventh are taken up in the more simple forms. Exercises in harmonizing sopranos and basses in open as well as close position. Modulation begun. The harmonized scale, various cadences and the simpler modulations played at the piano.

Two hours a week for two terms.

Required for entrance to the School of Music.

No college credit will be allowed for this course.

I. Advanced Harmony.

This subject includes harmonizing melodies which modulate, no figuring being given. Exercises in modulation at the piano including transposition of various models into all keys. Advanced study in secondary seventh chords. The study of the chromatically altered chords, enharmonic changes, suspension, retardation, appoggiatura, anticipation, passing tone, embellishment, pedal point, melodic figuration, and accompaniment.

Prerequisite: Elementary Harmony.

Two hours a week for three terms.

Four college credits will be allowed for the year's work.

II. History of Music.

This course deals with the development of music in all its forms from the beginning of the Christian era to the present, with an introduction on ancient and primitive music, and also with the history of musical taste and culture in all countries and periods.

Prerequisite: Advanced Harmony I.

Two hours a week for three terms.

Four college credits will be allowed for the year's work.

III. Elementary Theory of Music.

Three terms' work. The first term is made up of a thorough study of acoustics, and elements of musical form. Writing examples illustrating in detail the motive, section, phrase, period and primary forms. The second term takes up the composite forms (the air variations, dance forms, minuet, rondo, sonata). To pass the work of this term the student must be able to analyze in detail any standard musical composition. The third term takes up the study of the orchestra, involving names, recognition and characteristics of instruments. The study of string quartette in detail. As applied work, arrangements are made for string quartette and string orchestra. Quartettes are read at piano.

Prerequisite: Advanced Harmony.

Two hours a week for three terms.

Four college credits will be allowed for the year's work.

IV. Theory of Music.

The first term includes more detailed study of full orchestra, including the arrangement of work for the orchestra; also reading orchestral scores at the piano, both classic and modern. The second term takes up simple counterpoint in two and three parts in the five species. The third term is a study of four part counterpoint and combinations. Free harmonization of florid melodies as "*canti firmi*."

Two hours a week for three terms.

Prerequisite: Elementary Theory of Music.

V. Advanced Theory of Music.

In the first term, double counterpoint is studied. Counterpoint in the tenth and twelfth. Counterpoint in five to eight real parts. The second term's work takes up the study of canon and two part fugue. The construction of a two-voiced fugue is required. During the third term, three and four part fugue is studied. In the work of this year, the various elements involved in each form are studied and examples of each are written. The works of Bach are studied and analyzed.

Two hours a week for three terms.

Prerequisite: Theory of Music.

PIANO.

Special attention is given to even rhythm, correct fingering and proper touch in the first two grades and the development of tone, technique, interpretation and the acquiring of a repertoire throughout the course.

Compositions selected from the classics and best modern writers are taught. The following required technical work and the general outline of studies shown in the six grades, cover a broad field from which works can be selected to meet the various needs of students. Beginning with about the third grade the strengthening of the fingers and wrist and the working out of the hand to fit the various positions on the keyboard, is continuously developed.

First Grade. Fundamental principles of music thoroughly explained. Major scales one octave similar and contrary motion. Kohler's Practical Method, Vol. I.

Second Grade. Major scales two octaves in similar and contrary motion. Triad arpeggios hands separately two octaves. Kohler's Practical Method, Vol. II. Schumann's Album for the Young.

Third Grade. Major scale in thirds, sixths and tenths, hands together two octaves in similar and contrary motion. Triad arpeggios hands together two octaves in similar and contrary motion. Harmonic minor scales hands separately two octaves. Major scales in octaves. Hands separately. Bertini op. 29, Book I; Heller op. 45, Book II; Krause op. 2 Book I (Trill studies); Berens op. 61, Books I and II; Czerny School of Velocity op. 636; Bach 6 Short Preludes and 2 part inventions; Loeschorn op. 66, Books II and III.

Fourth Grade. Harmonic minor scales two octaves in similar and contrary motion. Triad chords two octaves in similar and contrary motion. Double thirds in the major mode two octaves, notes together and broken. Major and minor scales and triad arpeggios in octaves hands separately and together. Cramer Fifty selected studies edited by Von Bulow; Czerny op. 240, Books I and II; Bach 3 part inventions; Heller op. 45 or 90; Czerny octave studies op. 553.

Fifth Grade. Harmonic minor scales in thirds, sixths and tenths, hands together two octaves in similar and contrary motion. Chromatic minor thirds. Diminished fifths and major sixths, notes together and broken. Hands separately and together.

Cramer, Fifty selected studies edited by Von Bulow. Czerny op. 740, Books I and II; Bach three part inventions; Moscheles op. 70. Books I and II Low octave studies.

Sixth Grade. Chopin, etudes; selections from Bach's Well Tempered Clavichord; Czerny's school of Virtuosity op. 365; Kullak octave studies; Liszt etudes; Schumann op. 13.

Voice.

In all of the grades careful attention is given to breathing, enunciation, phrasing, interpretation and improving the quality of the voice. The work is given in three divisions:

1. Exercises and syllables which promote the development and proper use of the muscles of the mouth, throat and breathing organs.

2. Etudes for the application of the principles taught in 1. Pauseron, Panofka, Marchesi, Vaccai.

3. Songs embodying the principles taught in 1 and 2. Art study and Dramatic Expression.

Violin.

This course is divided into six grades, commencing with the correct manner of holding the instrument and bow, and the production of a smooth, round and full tone. Studies in the different kinds of bowing, finger exercises, etc. Composition from the classic and modern composers.

Organ.

This course begins with exercises for pedal technique. Allen's Pedal Studies; Dudley Buck's Studies for Pedal Technique and Exercises by Widor for Pedals are used. Organ Works by Bach, Mendelssohn and the best of modern composers are studied.

Recitals.

Public pupils' recitals are given every two weeks. Each student is required to take part and thus acquire that self control and composure, so necessary for a satisfactory performance.

Musical Organizations.

The organizations of the School of Music play a large and important part in the life of Parsons College. In 1913 and '14 there were formed the following organizations of special mention: Fairfield Oratorio Society, College Orchestra, Boys' Glee Club, and Male Quartette. The Oratorio Society of seventy-five voices gave the Holy City by A. R. Gaul on the 9th of December. On the 18th of December a popular concert was given by the College Orchestra, Glee Club and Quartette.

School of Music musical organizations are open to all college students.

Expenses.

The charges for tuition for term of twelve weeks are as follows: Only pupils of first, second and third grade will be accepted by Miss Taylor for the two 20 minute and one 30 minute lesson per week:

PARSONS COLLEGE

MR. MOORHEAD.

Piano—Two 30 minute lessons per week.....	\$21.00
Piano—One 40 minute lesson per week.....	14.00

MISS TAYLOR.

Piano—Two 30 minute lessons per week*.....	\$18.00
Piano—Two 20 minute lessons per week.....	12.00
Piano—One 40 minute lesson per week*.....	12.00
Piano—One 30 minute lesson per week.....	9.00

*Pipe organ rates are same as piano marked.

MISS ELLIS.

Voice—Two 30 minute lessons per week.....	\$18.00
Voice—One 40 minute lesson per week.....	12.00

MR. HUNT.

Violin—Two 30 minute lessons per week.....	\$18.00
Violin—One 40 minute lesson per week.....	12.00

Elementary Harmony (private).....	\$12.00
Advanced Harmony (in class)*.....	12.00
Piano practice (1 hour daily per term).....	2.00
Organ practice (1 hour daily per term).....	10.00
Theory (and orchestration) (in class)*.....	12.00
Instrumentation and Simple Counterpoint (in class)*..	12.00
Double Counterpoint, Canon and Fugue (in class)*....	12.00
Musical History (in class)*.....	12.00
*The marked courses (private lessons).....	18.00

Students registering for less than a term will be charged ten per cent. extra in addition to regular lesson fees.

Tuition payable strictly in advance. No deductions for lessons missed, except in cases of protracted illness. Lessons falling on holidays will not be made up.

For further information address the Director of the School of Music.

Honors Awarded

1913-14.

THE HORACE B. SILLIMAN SCHOLARSHIP.

Ralph Thomas Case.

THE GEORGE LINCOLN SEELEY SCHOLARSHIP.

Carleton Nicholas Waters.

THE ELIZA MATILDA FOSTER SCHOLARSHIP.

Mina Evelyn Fulton.

THE FOSTER PRIZES IN DEBATE.

Lester Firman Ream, First.

Bruce Frederick Gates, Second.

Alvin William Wendt, Third.

Lyle Monfort Cassat, Fourth.

ACADEMY CONTEST IN DECLAMATION.

Lillian Mae Carter, First.

Loretta Blossom McKee, Second.

Degrees Conferred

1913.

HONORARY.

Doctor of Divinity.

Rev. Elmer Lincoln Mattox.....	Hangchow, China
Rev. Charles Henry Bandy.....	Fatehgarh, India
Rev. John Ballard Rendall, Jr.....	Muscatine, Iowa

Doctor of Laws.

Rev. Augustus Stiles Carrier.....	Chicago, Ill.
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IN COURSE.

Bachelor of Arts.

Eugene Black, English.
Lena Gertrude Daugherty, English.
Gladys Phoebe Frescoln, English.
Myrtle Harper, Latin (cum laude).
Paul McClure Hinkhouse, English.
Mabel Ingham, English.
Margaret Johnson, English.
Nellie Julian, Latin (cum laude).
Ruth Iva Koons, English.
Essie Brooks Leighty, German.
Helen Frances McClure, English.
Emma Marion McEwan, Latin.
Barbara Marie Nessen, German.
Mary Johanna Nickelsen, English.
Chester Clair Welch, English.

Bachelor of Philosophy.

Robert Roy Loudon, History and Political Economy.
Antoinette Louise McMullin, Mathematics.

Bachelor of Science.

Adaline Cosens, Biology.

DEFERRED DEGREE.

Bachelor of Philosophy.

Walter Melville Kilpatrick, as of the Class of 1900.

List of Students

SENIORS.

Major Group.

Bredburg, Martin Edward, Education.....	New Windsor, Ill.
Cassat, Lyle Monfort, History and Political Economy..	Birmingham
Courter, Ruth Lee, Mathematics.....	Winfield
Fulton, Mina Evelyn, Latin.....	Fairfield
Greer, Zora Lavinia.....	Seymour
Grimes, Ruth Elizabeth, Mathematics.....	Derby
Leggett, George Phelps, Chemistry.....	Fairfield
McAfee, Kenneth Bailey, Education.....	Fairfield
Richardson, Zua Christel, English.....	Clarinda
Rodgers, Homer Leroy, Chemistry.....	Fairfield
Sawyers, Alice Eleanor, Biology.....	Eldon
Schillerstrom, Glen Joseph, History.....	Salina
Slater, Clarence Paul, Chemistry.....	Russell
Waters, Carleton Nicholas, History.....	Fairfield
Wirtz, Ione May, English.....	DeKalb, Ill.
Young, Harley Francis, Education.....	Fairfield

JUNIORS.

Barnett, Mildred Sawyers.....	Centerville
Bonar, Eleanor Jean.....	Fairfield
Callahan, Pearl Bernita.....	Afton
Case, Ralph Thomas.....	Washington
Foelker, Sarah Anne Elizabeth.....	Keokuk
Galliher, Royal Vaska.....	Fairfield
Gates, Bruce Frederick.....	Waterloo
Howard, Lester William Robert.....	Grimes
Ireland, Charles Wilson.....	Fairfield
Julian, Arthur Earl.....	Fairfield
Kirkpatrick, Merle.....	Keota
Krumboltz, Ruth May.....	Pleasant Plain
McCleary, Alfred Hill.....	Mesita, Colo.
Miller, June Carroll.....	Mediapolis
Sumner, Ruth Elizabeth.....	Fairfield
Wise, Fred Basil.....	Winfield

Wright, Fred Aldrich.....	Milo
Yount, George Raymond.....	Fairfield

SOPHOMORES.

Brown, Grace Mary.....	West Branch
Browning, Maurine.....	Fairfield
Campbell, William Matthew.....	Fairfield
Cassat, David Berryhill.....	Birmingham
Davis, Wyndon Hewitt.....	Libertyville
Goff, Lillian Marylinn.....	Dexter
Graham, Leo Joseph.....	Birmingham
Griffith, George Malcolm.....	Brighton
Heflin, Wilson R.....	Fairfield
Hendricks, Margaret Anne.....	Derby
Hinkhouse, Fred Junkin.....	Fairfield
Hughell, Mary Blanche.....	Batavia
Hunt, Edmund Victor.....	Fairfield
Lewis, Frederick Burnham.....	Fairfield
McAfee, Esther Lucile.....	Fairfield
McClure, Ernest Lucas.....	Bangkok, Siam
Parsons, Helen LaVal.....	Ruskin, Nebr.
Peebler, Glenn Leon.....	Fairfield
Prentice, Zelda L.....	Dallas Center
Ream, Lester Firman.....	Chariton
Scovel, Hazel Clinkinbeard.....	Fairfield
Sharar, Leila Luckenbill.....	Mercedes, Texas
Taylor, Lawrence Robert.....	Emerson
Teeter, Verl.....	Fairfield
Walgren, Roy Leo.....	Fairfield
White, Charlotte.....	Fairfield
Winter, Daniel Ludwig.....	Middletown
Wisecarver, Eithal Ruth.....	Fairfield
Work, Cornelia.....	Perry
Zichy, Dorothy Katherine.....	Garden Grove

FRESHMEN.

Ahlin, Esther Cornelia.....	Osage City, Kans.
Ball, Lewis Cass.....	Fairfield
Barnett, Sylvester William.....	Centerville
Bauman, Ruth.....	Birmingham
Berg, Elnora Mildred.....	Pleasant Plain

Black, Hazel Sophia.....	Fairfield
Black, Lillian Katherine.....	Fairfield
Brier, Leslie Gerald.....	Fairfield
Callahan, James Garrison.....	Afton
Cassel, Raymond Wesley.....	Fairfield
Clinkinbeard, Forest Vernon.....	Fairfield
Crail, Helen Elizabeth.....	Fairfield
Dick, Gladys Margaret.....	Bonaparte
Downs, Gertrude Doris.....	Ottumwa
Eckerman, Clarence Ray.....	Russell
Goff, Helen Gertrude.....	Dexter
Henning, Ruth Elizabeth.....	Montezuma
Hibbet, Hazel Blanche.....	Winfield
Holgate, Raymond.....	Fairfield
Horne, Joy Monique.....	Kirkville
Hutchinson, Frances Vestilla.....	Fairfield
Kearville, Louise Elizabeth.....	Centerville
King, Harry Calvin.....	Fairfield
Lindsay, Bessie Helen.....	Birmingham
McEwan, Agnes.....	Orange City
Miller, Meltha Mamie.....	Anderson
Myrick, Esther Blaine.....	Fairfield
Sanger, Charles Shannon.....	Clarinda
Schilling, Madge Marie.....	Afton
Selby, Ada Ruth.....	Eldon
Spence, Frances Augusta Thelma.....	Fairfield
Starr, Helen Marien.....	Fairfield
Taylor, Ruth Elaine.....	Emerson
Vernon, Clarence Clark.....	Milo
Wendt, Alvin William.....	Fairfield
Wise, Genevieve Mary.....	Nodaway
Workman, Otto Winfield.....	Stockport
Wyllie, John Merrill.....	Oxford

SPECIALS.

Cleveland, Carl.....	Milo
Deming, Chloe Irene.....	Fairfield
Dool, Frances Margaret.....	Winfield
Fourt, Arthur Shannon.....	Fairfield
Fulton, Frank Fremont.....	Libertyville
Gabbert, Harry.....	New London

Hague, Anna Bates.....	Fairfield
Larmore, Minnie.....	Hedrick
Nutting, Mary Lavina.....	Milo
Schenk, Cora May.....	Winfield
Woods, Irene Floyd.....	Birmingham

ACADEMY.

FOURTH YEAR.

Atwood, Evelyn.....	Fairfield
Atwood, Irwin.....	Fairfield
Bank, Hulda Lydia	Donnelson
Bell, Samuel Milligan.....	Fairfield
Bell, Sarah Elizabeth.....	Fairfield
Curray, Winnie Reva.....	Batavia
Fulton, Martha Elizabeth.....	Libertyville
Jarvis, Carl Oscar.....	Middletown
Johnson, Cecil Ellis.....	Fairfield
Kemp, Grace Ethyl.....	Bentonsport
McKee, Loretta Blossom.....	Stockport
Shores, Era Laura.....	Fairfield
Sutton, Elmer Thomas.....	Middletown
Thomas, Roscoe Benjamin.....	Ottumwa
Throckmorton, Sarah Leota.....	Derby
Welsh, John Lloyd.....	Fairfield
Whitmore, William.....	Batavia

THIRD YEAR.

Bishop, John Paul.....	Glasgow
Culbertson, Anna Helen.....	Fairfield
Flinspach, Wade Wesley.....	Fairfield
Gearhart, Martha.....	Batavia
Hildreth, Edward.....	Fairfield
LaTourette, Mary Helen.....	Camanche
Palmer, Eugene.....	Ottumwa
Roth, Joseph Christian.....	Fairfield
Shepherd, Jeanette Bangs.....	West Point
Turnipseed, Lucille Belle.....	Libertyville

SECOND YEAR.

Bishop, Mildred Elizabeth.....	Glasgow
Charlton, Florence.....	Fairfield

Culbertson, Dan.....	Fairfield
Gaines, Huyett Howard.....	Fairfield
Gonterman, Rebecca Ruth.....	Batavia
Green, Eunice Amelia.....	Middletown
Lorimer, Milton.....	Russell
Phelps, Dorothy.....	Fairfield
Scott, Fay Allison.....	Middletown
Welsh, Mary Velma.....	Fairfield

FIRST YEAR.

Ashmead, Jessie.....	Libertyville
Foster, Isabelle Susan.....	Middletown
Horne, Reginald Alexander.....	Kirkville
Larmore, John Clements.....	Fairfield
Raney, Fred McAllister.....	Fairfield
Richardson, Doris Ruth.....	Clarinda
Schillerstrom, Curtis Gustavus.....	Salina
Trotter, Loren.....	Milo
Vicksell, Robert Arnold.....	Mediapolis
Winter, Henrietta Martha.....	Middletown

ACADEMY SPECIALS.

Anderson, Dale Frederic.....	Fairfield
Atwood, Harold Everett.....	Fairfield
Bates, Glen Vivian.....	Fairfield
Bates, Leslie Linn.....	Fairfield
Overholser, Guy Irwin.....	Fairfield
Ringelspach, Harry Evert.....	Fairfield

STUDENTS IN THE SCHOOL OF MUSIC.

Ahlin, Esther Cornelia.....	Osage City, Kansas
Alfred, Helen Vivian.....	Batavia
Allerdice, Ella.....	Fairfield
Anderson, Goldie.....	Libertyville
Atwood, Irwin.....	Fairfield
Baker, Lillian.....	Fairfield
Baldrige, Helen Ethel.....	Batavia
Baldrige, Willis Milton.....	Batavia

Barnett, Mildred Sawyers.....	Centerville
Bauman, Ruth.....	Birmingham
Berg, Elnora Mildred.....	Pleasant Plain
Berg, Martha.....	Pleasant Plain
Bevans, Malcolm Oren.....	Fairfield
Bradshaw, Caroll Wilson.....	Fairfield
Brier, Goldie.....	Brighton
Browning, Maurine.....	Fairfield
Byers, Ethel.....	Birmingham
Callahan, James Garrison.....	Afton
Callahan, Pearl Bernita.....	Afton
Campbell, Elizabeth.....	Fairfield
Case, Ralph Thomas.....	Washington
Cassat, David Berryhill.....	Birmingham
Cassat, Lillian	Birmingham
Clinkinbeard, Forrest Vernon.....	Fairfield
Clinkinbeard, Margaret Louise.....	Fairfield
Clinkinbeard, Pauline.....	Fairfield
Colburn, George Woods.....	Fairfield
Collins, Bertha May.....	Fairfield
Copeland, Mildred Burnette.....	Batavia
Crail, Gladys.....	Fairfield
Cuddy, William Milton.....	Fairfield
Culbertson, Anna Helen.....	Fairfield
Culbertson, Dan.....	Fairfield
Cupp, William.....	Fairfield
Davis, Helen May.....	Fairfield
Deming, Chloe Irene.....	Fairfield
Douglas, Mary Lucille.....	Fairfield
Downs, Gertrude Doris.....	Ottumwa
Eaton, Lenora.....	Fairfield
Eaton, Mrs. Robert Keenan.....	Fairfield
Eck, Cora.....	Pleasant Plain
Fishel, Pauline Francis.....	Batavia
Foster, Isabel Susan.....	Middletown
Fulton, Catherine Eliza.....	Fairfield
Fulton, Susan Elizabeth.....	Fairfield
Gavin, Florence Frances Josephine.....	Fairfield
Gibson, Nellie.....	Fairfield
Gilbert, Abbie.....	Fairfield
Goff, Helen Gertrude.....	Dexter

Goff, Lillian Marylinn.....	Dexter
Gonterman, Rebecca Ruth.....	Batavia
Gordon, Dr. L. E.....	Fairfield
Gorman, Mary.....	Fairfield
Griffith, George Malcolm.....	Brighton
Hastings, Hazel.....	Eldon
Hedge, Frieda.....	Fairfield
Hickenbottom, Ada.....	Fairfield
Hicks, Hope Lesla.....	Fairfield
Hogan, Charlotte.....	Fairfield
Holgate, Leland Russell.....	Fairfield
Huston, Albert.....	Fairfield
Hutchinson, Frances Vestilla.....	Fairfield
Irons, Maysie Fern.....	Carmen, Okla.
Israel, Robert Henry.....	Fairfield
Jarvis, Carl Oscar.....	Middletown
Jewett, Ozro Paul.....	Fairfield
Johnson, Cecil Ellis.....	Fairfield
Johnson, Lester Clair.....	Fairfield
Jones, Marie Zura.....	Batavia
Julian, Nellie.....	Fairfield
Kearville, Louise Elizabeth.....	Centerville
Kemp, Bessie Mae.....	Bentonsport
Kilpatrick, Beatrice Bernice.....	Fairfield
Koons, Helen Henrietta.....	Batavia
Koons, Leona Grace.....	Batavia
Krumboltz, Ruth May.....	East Pleasant Plain
Larson, T. Y.....	Fairfield
LaTourette, Mary Helen.....	Camache
Lewis, Venis.....	Ottumwa
Louden, Roberta Biddle.....	Fairfield
Maasdam, Elizabeth Louise.....	Fairfield
Manatrey, Margaret Louise.....	Fairfield
McAfee, Esther Lucile.....	Fairfield
McClure, Earnest Lucas.....	Bangkok, Siam
McElhinny, Marion Elizabeth.....	Fairfield
McKee, Loretta Blossom.....	Stockport
Miller, June Carroll.....	Mediapolis
Mitchell, Warren Wilson.....	Fairfield
Monfort, Harriet.....	Fairfield
Monfort, Josephine Ayres.....	Fairfield

Morgenski, Martha Clara.....	Fairfield
Newell, Martha Dross.....	Fairfield
Nordgren, Edna Helena.....	Batavia
Nordgren, Mamie Matilda.....	Batavia
Parsons, Helen La Val.....	Ruskin, Neb.
Peebler, Glenn Leon.....	Fairfield
Peebler, Nellie Marie.....	Fairfield
Raney, Elizabeth.....	Fairfield
Richardson, Mrs. Homer.....	Fairfield
Riniker, Fern.....	Libertyville
Rockwell, Irene Elizabeth.....	Ottumwa
Roderick, Fern.....	Cambria
Root, Francis Elizabeth.....	Fairfield
Roth, Julia Margaret.....	Fairfield
Sauer, Hazel.....	Fairfield
Sawtell, Della Priscilla.....	Fairfield
Schaffer, Glen.....	Fairfield
Scheffel, Iva.....	Fairfield
Schenk, Cora May.....	Winfield
Schilling, Madge Marie.....	Afton
Selby, Ada Ruth.....	Eldon
Shepherd, Jeanette Bangs.....	West Point
Shores, Era Laura.....	Fairfield
Smith, Reginald Huber.....	Fairfield
Snitzer, Alonzo.....	Fairfield
Spence, Frances Augusta Thelma.....	Fairfield
Speirs, Lola Agnes.....	Fairfield
Starr, Keo.....	Fairfield
Stevenson, Pauline Rouberta.....	Fairfield
Stever, Etta.....	Fairfield
Stever, Mary Adalyn.....	Fairfield
Stever, Verna.....	Fairfield
Stout, Helen.....	Fairfield
Stuckey, J. H.....	Fairfield
Sullivan, Charles Leonard.....	Fairfield
Summers, Martha.....	Fairfield
Thomas, Roscoe Benjamin.....	Ottumwa
Traxler, Jessie.....	Fairfield
Turner, Hazel Elrie.....	Fairfield
Turney, Frances Elizabeth.....	Fairfield
Turney, Kathryn Louise.....	Fairfield

Turney, Sarah Eleanor.....	Fairfield
Unkrich, George W.....	Fairfield
Unkrich, Mrs. George W.....	Fairfield
Valentine, Evan.....	Fairfield
Wagoner, Margaret Marie.....	Fairfield
Wendt, Alvin William.....	Fairfield
White, Charlotte.....	Fairfield
White, Margaret.....	Fairfield
Whitmer, R. Glenn.....	Fairfield
Wirtz, Ione May.....	DeKalb, Ill.
Wise, Fred Basil.....	Winfield
Wisecarver, Eithal Ruth.....	Fairfield
Wisecarver, Zada.....	Fairfield
Wolgemuth, Mrs. Walter A.....	Fairfield
Work, Cornelia.....	Perry
Wyllie, John Merrill.....	Oxford
Zichy, Dorothy Katherine.....	Garden Grove

Summary

THE COLLEGE—

Seniors	16
Juniors	18
Sophomores	30
Freshmen	38
Special	11

Total	113
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THE ACADEMY 47

Special	6	53
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Total Literary Students	166
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SCHOOL OF MUSIC 148

Total	314
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Names counted twice	47
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Net total	267
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An Appeal

Parsons College, now in its fortieth year, will graduate its thirty-fourth class in June. Of the four hundred and thirty-nine Alumni a large proportion have gone into altruistic callings and are working for the uplift of the race. The College purposes to be an ally of the forces of righteousness, and it aims to inspire all its students to go out as helpers. Its history has been one of struggle against poverty and it has been hampered in its progress by lack of funds. It seeks to make possible a first-class education for every boy or girl that wants one. Its work must of necessity be largely for youth of small means, hence its receipts from student sources will be meager. It must, therefore, ever depend upon the good will and generosity of those to whom God has entrusted this world's goods.

The great need is for increased endowment that the purpose of the church in establishing this school may be most fully met, for the equipment of the past will not suffice for the present and future. Below are suggestions of needs which friends will appreciate.

1. Funds for the purchase of apparatus for the departments of Chemistry, Physics, Biology, Experimental Psychology, Astronomy, and for enlarging the Library and Museum are much in demand.

2. The establishment of Professorships. Twenty-five thousand dollars will do this and place on a permanent basis each department. Such a chair would bear the name of the donor of the endowment and thus become a monument for all time.

3. Contributions from the churches for the current expenses. Here is a way in which all can help that will mean much.

FORM OF BEQUEST.

I give and bequeath to Parsons College, situated in Fairfield, Jefferson County, Iowa, the sum of.....

Those who desire information in regard to the College will please address:

President Lowell M. McAfee, Fairfield, Iowa.

Alumni Association

OFFICERS FOR 1913-1914.

GEORGE G. BRUCE, Chairman

CORA A. BALL, Secretary.

EXECUTIVE COMMITTEE.

MRS. CHARLES D. LEGGETT, '85.

MRS. J. S. GAUMER, '96.

EDGAR RUSSELL SMITH, '91.

CHARLES J. FULTON, '83.

CORA A. BALL, '95.

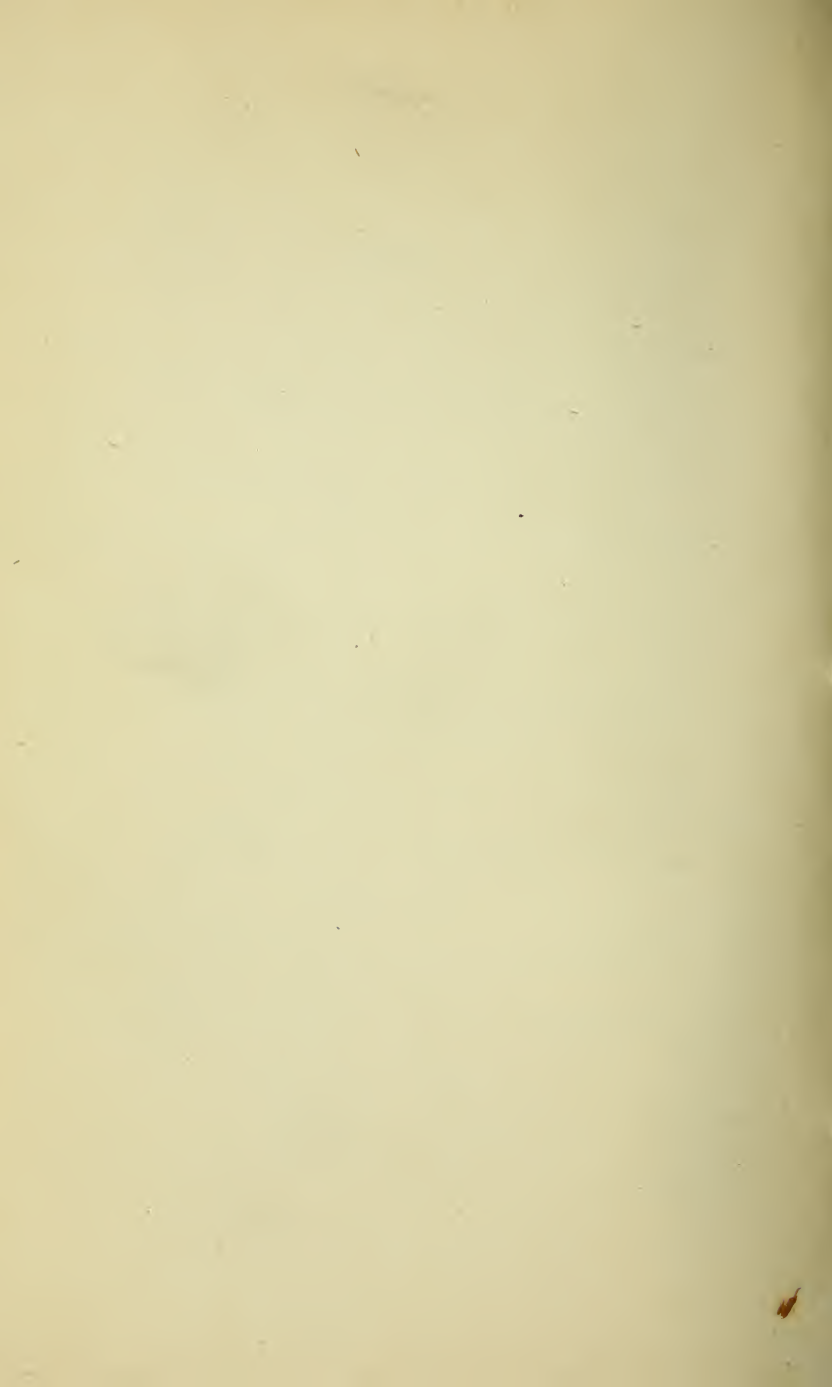
THE ALUMNI QUARTERLY.

Editorial Staff.

Mrs. Charles D. Leggett	}		Editors-in-Chief.
Zola E. Harper.....	}		
Grace G. Boies..	}		Assistant Editors
Mary H. Fisher.	}		
Robert Bruce Findlay.....			Business Manager

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UNIVERSITY OF ILLINOIS-URBANA



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